

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	CAS	1110	Tradition and Inquiry in the Classical World	DIS	DI	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and acceptance into A&S scholars program									
				Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1110	Tradition and Inquiry in the Classical World	LEC	EL	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and acceptance into A&S scholars program									
				Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1110	Tradition and Inquiry in the Classical World	LEC	LE	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and acceptance into A&S scholars program									
				Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1120	Tradition and Inquiry in the Medieval and Renaissance Worlds	DIS	DI	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CAS 1110									
				Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1120	Tradition and Inquiry in the Medieval and Renaissance Worlds	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CAS 1110									
				Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1120	Tradition and Inquiry in the Medieval and Renaissance Worlds	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CAS 1110									
				Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	CAS	1130	Career Planning in the Liberal Arts	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				The purpose of this class is to provide an opportunity for students to learn about and develop the necessary skills in all areas of career planning. Career development involves more than just choosing a major or occupation; it consists of assessing interests, skills, values, motivations, understanding the necessary employability skills needed to succeed in the world of work, learning the steps of an effective internship/job search, and gaining an awareness of the steps in the career decision making process. This course is designed to promote self-discovery, explore career choices, expand the understanding of the relationship between education and the World of Work, and the career decision making process. Students will participate in guided self exploration, experiential learning and goal setting.									
A&S	A&S	CAS	1130	Career Planning in the Liberal Arts	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				The purpose of this class is to provide an opportunity for students to learn about and develop the necessary skills in all areas of career planning. Career development involves more than just choosing a major or occupation; it consists of assessing interests, skills, values, motivations, understanding the necessary employability skills needed to succeed in the world of work, learning the steps of an effective internship/job search, and gaining an awareness of the steps in the career decision making process. This course is designed to promote self-discovery, explore career choices, expand the understanding of the relationship between education and the World of Work, and the career decision making process. Students will participate in guided self exploration, experiential learning and goal setting.									
A&S	A&S	CAS	1415	Introduction to Sustainability	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This multi-disciplinary course introduces students to sustainability concepts, issues, and trends from the local to the global levels. Students will investigate the interrelationships between biophysical limits, human welfare, and social justice by analyzing several major sustainability problems of the 21st century. Team-taught by professors from diverse academic fields, the course equips students with the foundational knowledge to explore the social, economic and environmental sustainability challenges and opportunities of the Anthropocene Epoch.									
A&S	A&S	CAS	1425	War, Peace and Security	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The course examines the dynamics of war, peace and security from an interdisciplinary perspective. After forming a solid conceptual basis on theories of war and peace, students learn conflict resolution, negotiation, mediation and peacebuilding skills. The course prepares students for higher level courses on conflict, peace and violence.									
A&S	A&S	CAS	1425	War, Peace and Security	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The course examines the dynamics of war, peace and security from an interdisciplinary perspective. After forming a solid conceptual basis on theories of war and peace, students learn conflict resolution, negotiation, mediation and peacebuilding skills. The course prepares students for higher level courses on conflict, peace and violence.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	CAS	1605	Experience Ohio: Gaining a Sense of Place	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introductory course for the Ohio: Sense of Place curricular theme, involving Saturday field trips to experience different aspects of the great state of Ohio, including its history, people and culture, industry, environmental issues, landscape, and arts.									
A&S	A&S	CAS	2130C	Career Strategies: Internship and Job Mapping	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course equips students with the tools necessary to identify potential internships and helps them develop the requisite skills and documents required for internships. This course is designed to promote self-reflection, assist students in developing a strategy to gain professional experience, and facilitate the creation of a professional portfolio, including formal employment documents and a professional development plan in order to apply for internships in their field of interest during the following semester. Students develop short and long term career goals. Topics include internship searching resources, how to prepare an effective set of application documents for an internship, and how to prepare to be a professional team member.									
A&S	A&S	CAS	2300	Themes in Action	SEM	SE	1	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F	This 1-credit hour course focuses on key questions and topics related to a selected curricular theme, such as Food Studies; Making & Breaking the Law; Sustainability Studies; War & Peace; Wealth & Poverty. Through the course, students engage in a series of campus and/or community events and activities associated with the designated theme (e.g., lectures, film series, field trips, workshops, community service opportunities), and they discuss, read about, and reflect in writing on these events and activities in relation to key questions, issues and concerns of the selected curricular theme.								
A&S	A&S	CAS	2402	Transitions: From Campus to Career Success to Wealth Creation and Protection	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course prepares students for their campus to career to financial independence journey. It builds early awareness, suggests strategies and actions, and inspires execution that if applied consistently, develops into enduring and positive career/life habits. The course focuses on how to use students' college years as a launching pad to find what they want to do, and to learn both strategies and skills to gain advantage both professionally and financially.									
A&S	A&S	CAS	2405	Knowing What We Know	DIS	DI	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fr or Soph and WARNING No credit for both this course and the following (always deduct credit for first course taken): CAS 2400 This course examines the role of knowledge claims in everyday judgement. Beginning with philosophical and historical perspectives on what it means to know (epistemology) we will discuss the nature of mathematical and scientific approaches to knowledge and understanding; the role of theory in knowledge construction in all disciplines; assessments of statistical uncertainty, especially as it pertains to prediction; and the extent to which ¿reading¿ data in the Sciences is analogous to reading texts in the Humanities. These subjects will be explored in the context of societal issues of contemporary import and forefront research questions from a number of different fields.									
A&S	A&S	CAS	2405	Knowing What We Know	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fr or Soph and WARNING No credit for both this course and the following (always deduct credit for first course taken): CAS 2400 This course examines the role of knowledge claims in everyday judgement. Beginning with philosophical and historical perspectives on what it means to know (epistemology) we will discuss the nature of mathematical and scientific approaches to knowledge and understanding; the role of theory in knowledge construction in all disciplines; assessments of statistical uncertainty, especially as it pertains to prediction; and the extent to which ¿reading¿ data in the Sciences is analogous to reading texts in the Humanities. These subjects will be explored in the context of societal issues of contemporary import and forefront research questions from a number of different fields.									
A&S	A&S	CAS	2406X	Prediction and Forecasting: Applications to the Ohio University Prediction Tournament	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students will learn basic methodologies and practices for good forecasting that translate across many different disciplines. They will apply those skills to the problem of making predictions in an online prediction tournament, receiving weekly feedback from both their peers and the instructor. Predictions will be made in fields such as politics, economics, sport, meteorology, local events, etc., thus, the class does not assume any prior disciplinary knowledge.									
A&S	A&S	CAS	2410	The Principles and Practice of Food Justice	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the principles and practice of food justice through experiential learning by service at food pantries, food banks and other community facilities in Athens and surrounding counties.									
A&S	A&S	CAS	2411	Food Matters! Explorations in Food Across the Liberal Arts	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No Credit for both this course and the following: CAS 1400 or 1410 This course is the foundational course of the curricular theme of Food Studies. Food Studies provides an interdisciplinary approach to the production, consumption and meaning of food. Taught by a team of professors from the humanities, social sciences and natural sciences, Food Matters! Explorations in Food Across the Liberal Arts encourages students to critically examine an aspect of their lives which is, at the same time, deeply personal, public, and political.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	CAS	2500	Breaking the Law Theme Seminar	LEC	LE	4	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		The dominant global forces that have defined the 21st century have massively transformed law and legal frameworks, at both local and global levels. How do states assert power and enact violence through law, and how are these enactments resisted, challenged, and overcome? What does justice mean in relation to citizenship, political dissent, and political discourse in the U.S.? In relation to international human rights regimes and post-conflict justice mechanisms? In relation to global disparities in access to health care and other basic human goods? How are our understandings of our own bodies, lives, and futures shaped by law? This four-credit team-taught interdisciplinary course sets out these and other central questions about law, justice, social change, human rights, globalization, and technology in the new global era.									
A&S	A&S	CAS	2500	Breaking the Law Theme Seminar	SEM	SE	4	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		The dominant global forces that have defined the 21st century have massively transformed law and legal frameworks, at both local and global levels. How do states assert power and enact violence through law, and how are these enactments resisted, challenged, and overcome? What does justice mean in relation to citizenship, political dissent, and political discourse in the U.S.? In relation to international human rights regimes and post-conflict justice mechanisms? In relation to global disparities in access to health care and other basic human goods? How are our understandings of our own bodies, lives, and futures shaped by law? This four-credit team-taught interdisciplinary course sets out these and other central questions about law, justice, social change, human rights, globalization, and technology in the new global era.									
A&S	A&S	CAS	2600	Tech Matters	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course investigates the creation, application, and implications of technologies throughout history. Topics will include the physical foundations of technological achievements, the moral and ethical issues associated with technology, the use of technology to enhance human interactions, and the effects of technology on society.									
A&S	A&S	CAS	2900	Special Topics in College of Arts and Sciences	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	A&S	CAS	2900	Special Topics in College of Arts and Sciences	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	A&S	CAS	4410	Seminar in How Food Works in the Community	SEM	SE	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	CAS 4911 concurrent						
		COURSE DESC:		PR, F The course provides a discussion forum for students who wish to understand how food works in the community. No prior background or training in food studies is required. The seminar will comprise a broad set of issues connected to food security, production, processing, marketing, distribution, consumption, composting, food choices, and food culture.									
A&S	A&S	CAS	4413	The Art of Craft Brewing: The Athens Case Study	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		In this course, students learn how the craft brewery movement in Athens, Ohio, demonstrates a return to fermentation -- one of humanity's earliest technologies -- and how liquid bread can become a catalyst for community economic development. Students learn the basics of starting a brewery and a tap-room by reference to the rich craft brewing scene in Athens, and how the elemental aspects of place, local traditions, fruit and indigenous yeasts, are expressed in Athens beer-making.									
A&S	A&S	CAS	4911	Internship in How Food Works in the Community	INT	IN	1 to 8	16		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F The course provides opportunities for students who wish to understand how food works in the community. No prior background or training in food studies is required. Students work with local organizations on a broad set of issues connected to food security, production, processing, marketing, distribution, consumption, composting, food choices, and food culture.									
A&S	A&S	CAS	5413	The Art of Craft Brewing: The Athens Case Study	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		In this course, students learn how the craft brewery movement in Athens, Ohio, demonstrates a return to fermentation -- one of humanity's earliest technologies -- and how liquid bread can become a catalyst for community economic development. Students learn the basics of starting a brewery and a tap-room by reference to the rich craft brewing scene in Athens, and how the elemental aspects of place, local traditions, fruit and indigenous yeasts, are expressed in Athens beer-making.									
A&S	A&S	CAS	5700	Data and Knowledge	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the theory and practice of data-informed knowledge. It focuses on the challenges and rewards of learning from data. Research problems are drawn from publicly available datasets and students analyze data by way of hands-on computer programming. Clear communication of findings is emphasized throughout the course.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	CAS	5710	Introduction to Data Analysis	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to a comprehensive array of basic descriptive and inferential statistics. Emphasis is placed on inference through a variety of methods including probabilistic approaches, Bayesian analysis, and resampling methods (bootstrapping and jackknifing). Statistical software and an open-source computer programming language are used to reinforce theoretical principles. A strong emphasis is placed upon data visualization and technical graphics for communication of results.									
A&S	A&S	CAS	5720	Data Visualization and Communication	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course offers students a project-based approach that provides a framework for developing and managing data-centered projects from inception to formal presentation. Emphasis is placed on written and visual communication of results for decision-makers. Projects are self-identified and the selection of research questions, data sets, and analytic techniques are critical to the final product.									
A&S	A&S	CAS	5911	Internship in How Food Works in the Community	INT	IN	1 to 8	16		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F	The course provides opportunities for students who wish to understand how food works in the community. No prior background or training in food studies is required. Students work with local organizations on a broad set of issues connected to food security, production, processing, marketing, distribution, consumption, composting, food choices, and food culture.								
A&S	A&S	CAS	5960	Practices in Engineering, Mathematics, and Science	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Graduate Status						
		COURSE DESC:		This introductory course will offer a general overview of the frameworks and methods used by STEM practitioners used to identify and solve problems in their respective domains of expertise, with an eye towards viewing middle school and high school lessons through the lenses of these disciplines. In particular, the Fellows will examine both the distinguishing and common features of science, mathematics, and engineering, and the factors that drive each type of investigation, including societal, economic, philosophical, and political factors.									
A&S	A&S	LJC	2000	Core Course in Law, Justice, & Culture	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to Law, Justice, and Culture Certificate Program						
		COURSE DESC:		This is the core course of the Law, Justice & Culture certificate program. It exposes students to sociolegal study from an interdisciplinary perspective. Students learn about the intersection of law, justice, and culture with readings in anthropology, criminology, history, interdisciplinary arts, political science, social work, and sociology. The wide range of readings provides students with knowledge of varied approaches to the study of law while demonstrating a common appreciation of the mutually constitutive relation of law and society. Through active class discussion and engagement students form an intellectual community as part of the Center for Law, Justice & Culture's certificate program.									
A&S	A&S	LJC	3915	Post-Externship Seminar in Law, Justice & Culture	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LJC 3910						
		COURSE DESC:		This course is designed for students who have completed LJC 3910: Externship in Law, Justice & Culture. LJC 3915 provides students with opportunities for collective reflection and guidance on how their externship experiences can be integrated into their current and future academic and professional development. The class focuses on discussions and exercises that enable students to (1) reflect on and discuss the experiential, academic, and professional dimensions of the program they participated in; and (2) produce a tangible final externship project that can be used to support ongoing educational and professional pursuits.									
A&S	A&S	LJC	3915	Post-Externship Seminar in Law, Justice & Culture	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LJC 3910						
		COURSE DESC:		This course is designed for students who have completed LJC 3910: Externship in Law, Justice & Culture. LJC 3915 provides students with opportunities for collective reflection and guidance on how their externship experiences can be integrated into their current and future academic and professional development. The class focuses on discussions and exercises that enable students to (1) reflect on and discuss the experiential, academic, and professional dimensions of the program they participated in; and (2) produce a tangible final externship project that can be used to support ongoing educational and professional pursuits.									
A&S	A&S	LJC	4910	Legal Internship in Law, Justice & Culture	INT	IN	1 to 6	6		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	3.0 GPA and (Soph or Jr or Sr) and Permission required						
		COURSE DESC:		The Legal Internship in Law, Justice & Culture provides students with an opportunity to interact with and learn from legal professionals through a placed legal internship. Additionally, the Legal Internship provides students with an opportunity to explore an area or various areas of law and provide an experiential learning experience. The students then reflect on what they have learned during their internship.									
A&S	A&S	LJC	4911	Legal Internship Seminar in Law, Justice & Culture	SEM	SE	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	3.0 GPA and (Soph or Jr or Sr) and LJC 4910 concurrent and Permission required						
		COURSE DESC:		This seminar course serves to prepare students interested in a career in law and provide supplemental instruction to students enrolled in LJC 4910. The seminar provides students an opportunity for additional instruction, discussion, and reflection related to their practical internship experiences and assistance with challenging and ethical issues that students may encounter in their internships.									
A&S	A&S	LJC	4930	Independent Study in Law, Justice & Culture	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		This independent study course is designed to expand understanding in a selected area of interdisciplinary law and society scholarship not covered in regular course offerings.									

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A&S	A&S	LJC	4940	Independent Research in Law, Justice & Culture	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This independent research course is designed for research in interdisciplinary law and society studies under faculty supervision. Students select research topics or are directed to possible research topics of interest to both the student and faculty member.									
A&S	A&S	LJC	4945	Externship in Law, Justice & Culture	SEM	SE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CAS 2500 and selection through an application process sponsored by the Center for Law, Justice and Culture									
		COURSE DESC:		The Externship in Law, Justice & Culture provides undergraduate students opportunities to learn real-world skills through summer placements with law and justice partner institutions in the United States and abroad. Externships provide experiential learning opportunities in legal offices, judicial chambers, federal agencies, human rights organizations, international justice NGOs , and other justice settings in order to facilitate the transition from student to practitioner, instill professionalism, and increase awareness of law and justice concepts.									
A&S	A&S	LJC	4965	Legal Practice Workshop	LEC	LE	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This course introduces the research, writing, and analytical skills that legal professionals need in their legal practice, including the basics of legal research and legal reference for a variety of print and electronic media.									
A&S	A&S	LJC	6000	Proseminar in Law, Justice & Culture	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This proseminar exposes students to sociolegal study from an interdisciplinary perspective. Students learn the theoretical and methodological traditions of law and society scholarship through readings from anthropology, criminology, history, political science, and sociology, among others. The wide range of readings provides students with knowledge of varied approaches to the study of law while demonstrating a common appreciation of the mutually constitutive relation of law and society.									
A&S	A&S	LJC	6500	Research Methods in Law, Justice & Culture	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces students to the possible forms of interdisciplinary law and society research and the methodological tools that can be deployed in conducting such research. It considers the sociological, anthropological, historical, and political methodologies applied to law, regulation, justice, and social order. The course focuses primarily on empirical research and qualitative methods, with special attention to issues of interpretation, context, meaning, culture, and narrative.									
A&S	A&S	LJC	6800	Research Capstone in Law, Justice & Culture	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LJC 6500									
		COURSE DESC:		This research capstone seminar guides students through the process of independent empirical research in law and society studies. The course culminates in a significant research paper focusing on a topic of interest relating to law, legal actors, legal mobilizations, and/or legal institutions.									
A&S	A&S	LJC	6940	Independent Research in Law, Justice & Culture	RSC	RS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This independent research course is designed for research in interdisciplinary law and society studies under faculty supervision. Students select research topics or are directed to possible research topics of interest to both the student and faculty member.									
A&S	A&S	LJC	6950	Thesis in Law, Justice & Culture	THE	TH	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This course is designed for students who are developing, conducting, and writing thesis research in interdisciplinary law and society studies.									
A&S	A&S	LJC	6965	Legal Practice Workshop	LEC	LE	2	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces the research, writing, and analytical skills that legal professionals need in their legal practice, including the basics of legal research and legal reference for a variety of print and electronic media.									
A&S	A&S	T3	4400	Seminar in Wealth and Poverty	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (AAS 1060 or GEOG 1310 or HIST 1330 or POLS 2300 or SOC 2300 or SW 1000) and Sr only									
		COURSE DESC:		The aim of the course is to provide students with an appreciation of the ways in which the intersectionality of class, race, ethnicity and gender shape inequality of economic and social opportunities. The course draws on readings from Geography, Sociology, Economics, Literature, Women and Gender Studies and other disciplines. It begins with an investigation of systems of power and inequality with specific attention to race and racism and gender and sexism and their intersectionality with other forms of difference. The structure of social institutions and their influence in everyday life that produces wealth and inequality will also be examined. The relationship between population and environment will be examined through a gendered and economic lens. The economic and social-political dimensions of global inequality will be highlighted through case studies. The course will wrap up with an analysis of a recent biography and novel that will be carefully selected to allow students to synthesize information covered in the course. The course will integrate class meetings with related activities on campus, and wrap up with a wealth and poverty research expo open to OU faculty and students.									
A&S	A&S	T3	4414	The True Value of Food	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, P BIO, POLS, or SOC)									
		COURSE DESC:		This course explores the real value of food in terms of production and consumption to understand and re-evaluate where our food comes from and how this impacts what people choose to buy and eat. The lab course component includes participation in field trips to local farms, developing a small market garden, and cooking what is grown. The lab component and the course content have a strong regional, South East Ohio focus.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	T3	4414	The True Value of Food	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, PBIO, POLS, or SOC)							
		COURSE DESC:		This course explores the real value of food in terms of production and consumption to understand and re-evaluate where our food comes from and how this impacts what people choose to buy and eat. The lab course component includes participation in field trips to local farms, developing a small market garden, and cooking what is grown. The lab component and the course content have a strong regional, South East Ohio focus.									
A&S	A&S	T3	4414	The True Value of Food	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, PBIO, POLS, or SOC)							
		COURSE DESC:		This course explores the real value of food in terms of production and consumption to understand and re-evaluate where our food comes from and how this impacts what people choose to buy and eat. The lab course component includes participation in field trips to local farms, developing a small market garden, and cooking what is grown. The lab component and the course content have a strong regional, South East Ohio focus.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	1010	African American History I, 1526-1875	LEC	EL	3	0	2SS	N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Examines economic, demographic, social, cultural and political topics in African American history from African origins to the Emancipation era. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the experiences of Black people, the development of rural communities, and the potentiality and challenges facing interracial cooperation, within the framework of larger socio-economic and political processes in U. S. history.								
A&S	AAS	AAS	1010	African American History I, 1526-1875	LEC	LE	3	0	2SS	N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Examines economic, demographic, social, cultural and political topics in African American history from African origins to the Emancipation era. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the experiences of Black people, the development of rural communities, and the potentiality and challenges facing interracial cooperation, within the framework of larger socio-economic and political processes in U. S. history.								
A&S	AAS	AAS	1060	Introduction to African American Studies	LEC	EL	3	0		N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Unlike most established disciplines, there is to be a lack of consensus among Africana Studies scholars as to what exactly is African American/Afro-American/Africana/Pan African/Black Studies, and/or what constitutes the nature and scope of the discipline. The National Council for Black Studies, the leading organization of Black Studies professionals in the world, defines it as a discipline that investigates African peoples' experiences from the perspective of their interests, aspirations, possibilities, and envisioned destinies. Experiences that range from the earliest human civilizations to the tragic era of enslavement, colonization, forced migration, displacement and the reconstruction of African peoples humanity and life ways.								
					This introductory course investigates the foundation, nature, scope, and structure of African American/Africana Studies in American Universities. The course will basically explore various descriptions, definitions, and meanings of the discipline/field, as well as approaches to understanding its interdisciplinary, multidisciplinary, and trans-disciplinary nature; survey major disciplinary literature written about it, and the perspectives advanced by scholars. The course also critiques and systematically outlines essential components of and/or arguments advanced about, for, or against the discipline. Finally, a comparative exploration of the interrelationship between African American/Africana Studies, Area Studies, and Ethnic Studies, as well as some emerging intellectual developments in Africana Studies research, teaching, and service activities will help guide us later into the semester as we engage in our focused discussions and discoveries of a satisfactory definition of the discipline, and an operational description of its basics and essentials.								
A&S	AAS	AAS	1060	Introduction to African American Studies	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Unlike most established disciplines, there is to be a lack of consensus among Africana Studies scholars as to what exactly is African American/Afro-American/Africana/Pan African/Black Studies, and/or what constitutes the nature and scope of the discipline. The National Council for Black Studies, the leading organization of Black Studies professionals in the world, defines it as a discipline that investigates African peoples' experiences from the perspective of their interests, aspirations, possibilities, and envisioned destinies. Experiences that range from the earliest human civilizations to the tragic era of enslavement, colonization, forced migration, displacement and the reconstruction of African peoples humanity and life ways.								
					This introductory course investigates the foundation, nature, scope, and structure of African American/Africana Studies in American Universities. The course will basically explore various descriptions, definitions, and meanings of the discipline/field, as well as approaches to understanding its interdisciplinary, multidisciplinary, and trans-disciplinary nature; survey major disciplinary literature written about it, and the perspectives advanced by scholars. The course also critiques and systematically outlines essential components of and/or arguments advanced about, for, or against the discipline. Finally, a comparative exploration of the interrelationship between African American/Africana Studies, Area Studies, and Ethnic Studies, as well as some emerging intellectual developments in Africana Studies research, teaching, and service activities will help guide us later into the semester as we engage in our focused discussions and discoveries of a satisfactory definition of the discipline, and an operational description of its basics and essentials.								
A&S	AAS	AAS	1100	Introduction to African American Literature	LEC	LE	3	0	2HL	N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Focuses broadly on African American literature from work of the 18th century to contemporary writings with the intention of providing the student with an introduction to the topic. Reading poetry, short fiction, the novel, and other forms of writing, the course will explore such questions as how black writers address African American literary inheritance and production. A final paper will afford the student the occasion of applying a critical approach to literary texts. Topics may include slave and freeman and free woman narratives, the Harlem Renaissance, and the postmodern black novel. The aim of the course is to equip the student with a strong academic knowledge of African American literature in its cultural and historical contexts.								
A&S	AAS	AAS	1500	Africana Media Studies	DIS	DI	4	0	2HL	N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
				COURSE DESC:	Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined.								
					In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet.								
					This course will attempt to include all aspects of the media to facilitate the examination of the Africana experience. However primary attention will be given to television, film and radio. The course will follow a loose chronological approach from early media to contemporary media. While the primary focus is on Africana media it does not preclude discourse on other related media studies issues, it is however the emphasis for this course.								

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	1500	Africana Media Studies	LEC	LE	4	0	2HL	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined.									
				In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet.									
				This course will attempt to include all aspects of the media to facilitate the examination of the Africana experience. However primary attention will be given to television, film and radio. The course will follow a loose chronological approach from early media to contemporary media. While the primary focus is on Africana media it does not preclude discourse on other related media studies issues, it is however the emphasis for this course.									
A&S	AAS	AAS	1900	Difficult Dialogues: Race, Law, and Religion in America	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Intended to help create a campus environment where sensitive subjects can be discussed in a spirit of open, scholarly inquiry and intellectual rigor and with respect for different viewpoints. (Ford Foundation Difficult Dialogues RFP, 2005 at: http://www.fordfound.org/news/more/dialogues/index.cfm?print-ver)									
				Students in this problem-based discussion and writing course will examine race in America through the lenses of law and religion. Working on teams and using a variety of resources, students will investigate five issues spanning from the founding of the country to present day New Orleans. Analyzing past and present historical events, students will gain insights into both the progressive and repressive roles that law and religion can play in creating and resolving difficult human problems. Students who take this class will become "bridge-builders" in their communities; people who bridge the gulf between groups that sometimes perceive themselves as being divided, when they have far more in common than that which may be the subject of a "difficult dialogue."									
A&S	AAS	AAS	2020	African American History II, 1876 to late twentieth century	LEC	EL	3	0	2SS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Examines a series of topics¿economic, demographic, social, cultural and political¿in African American history from 1876 to the late twentieth century. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the internal experiences of ordinary African Americans, within the framework of larger socioeconomic and political processes in U. S. history. In addition to providing topical perspectives (e.g., work, family, and religion), the course will pay close attention to chronology and change over time.									
A&S	AAS	AAS	2020	African American History II, 1876 to late twentieth century	LEC	LE	3	0	2SS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Examines a series of topics¿economic, demographic, social, cultural and political¿in African American history from 1876 to the late twentieth century. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the internal experiences of ordinary African Americans, within the framework of larger socioeconomic and political processes in U. S. history. In addition to providing topical perspectives (e.g., work, family, and religion), the course will pay close attention to chronology and change over time.									
A&S	AAS	AAS	2100	Slave Narrative and Freeman/Freewomen Fiction of the 18th and 19th Centuries	LEC	LE	3	0	2HL	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Will cover the African American slave narrative, from the eighteenth to the nineteenth centuries, along with free-woman and free-man writings of the later nineteenth century and possibly the early twentieth century. Readings typically include works by such authors as Frederick Douglass, Harriet Jacobs, William Wells Brown, and Solomon Northup. The course will consider contemporary debates surrounding the question of authenticity as well as current views of how slave narratives merit aesthetically. The course also interrogates questions pertaining to how the slave narrative challenges conventional notions of autobiography and how the early black novel confronts received and developing notions of the U.S. novel.									
A&S	AAS	AAS	2110	African American Literature II: Black Writing of the 20th and 21st Centuries	LEC	LE	3	0	2HL	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Focuses on 20th- and 21st-century writings by African American authors with a view toward gaining an understanding of the enormous wealth of literature black writers produced during the periods in question. The course will start with the Harlem Renaissance and the Black Modernist phase, then move on to the Black Arts period, and conclude with contemporary African American literary writing. Typically, the course will read texts by writers including Langston Hughes, Zora Neale Hurston, Richard Wright, Ralph Ellison, Claude McKay, and Toni Morrison.									
A&S	AAS	AAS	2200	Introduction to Black Political Economy	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Exploration of theories or political policies and economic processes, their interrelations, and their influence on the socioeconomic character of the black community.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	2250	History of the African American Worker	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		African-American workers have had a profound effect on U.S. labor and its history. This course will examine the transformation of the African-American working class from the post-Civil War period through the late twentieth-century. African American workers and their community organizations played an integral role in shaping the American working class experience from the maturing industrial period through post-industrial period of U.S. history. We will analyze the changing relationship between capital and labor, employers and employees while evaluating the shifting meanings of <i>owners</i> and <i>workers</i> over time. Through the lenses of race, gender, and sexuality we will also analyze the developments in African American working-class culture and politics.									
A&S	AAS	AAS	2500	Blackness and the Arts	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Introduction to the idea of a black art by focusing on a number of different kinds of art practice that enact the idea of race (e.g., film, video, fine art, new media, television, photography, literature). Develop skills in the critical study of black art as a historiographical, cultural, and political craft. Topics are chosen to provide a wide breadth and scope of black visual and expressive culture.									
				The course is interdisciplinary by design and necessity. Encourages a shift of hermeneutics from the black life world to black visual and expressive culture in the terms of blackness. This means repurposing the study of black art in ways other than fidelity to the social category of race and an ethics of positive and negative representation that tacitly encourages the idea of film as cultural policy. Details a commitment to how new paradigms for form and aesthetics, historiography, and intertextuality constitute blackness as the unfinalizable encounter between the idea of race and the idea of art rather than blackness as merely sociology.									
				The approach of this course is primarily that of visual culture and post-structuralist work devoted to difference. In this way, the method is twofold. Firstly, this is an introduction to the idea of race as enacted in the arts and an introduction to critical theory.									
A&S	AAS	AAS	2540	History of Injustice in the United States	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to give a socio-legal-historical perspective respecting the patterns of injustice in various areas of African American life. American Blacks are, of course, not the only victims of racism/injustice, but in the past they have been - by far - the largest and the most active of the country's minorities and thus the appropriate focus for review of the law and injustice.									
A&S	AAS	AAS	2900	Special Topics in African American Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	AAS	AAS	2900	Special Topics in African American Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	AAS	AAS	3100	Postmodern Blackness: Identity and Culture in Contemporary African American Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Relying on contemporary literary criticism and theory, this course focuses on Postmodern African American literature of the 1960s and later. Typically concerns writers who emerged as major figures during this period, including such authors as Toni Morrison, Alice Walker, and Ishmael Reed. Attention also given to major literary, theoretical, cultural, and aesthetic developments that developed among black writers, critics, and theorists.									
A&S	AAS	AAS	3100	Postmodern Blackness: Identity and Culture in Contemporary African American Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Relying on contemporary literary criticism and theory, this course focuses on Postmodern African American literature of the 1960s and later. Typically concerns writers who emerged as major figures during this period, including such authors as Toni Morrison, Alice Walker, and Ishmael Reed. Attention also given to major literary, theoretical, cultural, and aesthetic developments that developed among black writers, critics, and theorists.									
A&S	AAS	AAS	3110	Harlem Renaissance: African American Literature of the Early 20th Century	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Focuses on the extraordinary yield of interwar period (c. 1915-1940) African American authors, placing the literary study in the context of political and cultural history. The course will explore such questions as how the renaissance may be seen in terms of modernist aesthetics and transnational culture. Also of interest will be the question of the renaissance and radical politics. The class will consider the Harlem Renaissance, what's more, vis-à-vis the sexual and gender revolution of 1920s. Typically readings will include works like Langston Hughes's <i>The Weary Blues</i> , Zora Neale Hurston's <i>Their Eyes Were Watching God</i> , Claude McKay's <i>Home to Harlem</i> , Alain Locke's <i>The New Negro</i> , Nella Larsen's <i>Passing</i> , and Jean Toomer's <i>Cane</i> , along with criticism on the Harlem Renaissance. Students will write a critically researched paper and be administered essay exams. The aim of the course is to equip the student with a strong academic knowledge of Harlem Renaissance literature in its historical context.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	3170	Black Transnational Literature: Caribbean and Transcultural African American Writing GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Covers Caribbean and related African American literary writing, with a view toward understanding the importance of the role of Caribbean literature in Black Diaspora and black transnational cultures. Readings may include works by such authors as C.L.R. James, Jamaica Kincaid, Paule Marshall, and Derek Walcott, a cross-genre sampling of fiction, poetry, and drama. The course will also read relevant post-colonial theory and post-imperialist criticism, including writings by such figures as Paul Gilroy and Stuart Hall.	LEC	EL	3	0		N	U30		0
A&S	AAS	AAS	3170	Black Transnational Literature: Caribbean and Transcultural African American Writing GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Covers Caribbean and related African American literary writing, with a view toward understanding the importance of the role of Caribbean literature in Black Diaspora and black transnational cultures. Readings may include works by such authors as C.L.R. James, Jamaica Kincaid, Paule Marshall, and Derek Walcott, a cross-genre sampling of fiction, poetry, and drama. The course will also read relevant post-colonial theory and post-imperialist criticism, including writings by such figures as Paul Gilroy and Stuart Hall.	LEC	LE	3	0		N	U30		0
A&S	AAS	AAS	3400	The African American Community Since World War II GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores how, when and why people of African descent use the concept "community" to express those social practices that make group life meaningful. This course focuses on how people of African descent in the United States respond to public policies and create social practices that affect collective efforts to build and sustain everyday life as a social and cultural collective.	LEC	LE	3	0		N	U30		0
A&S	AAS	AAS	3410	African American Personality GEC1: A-F REQUISITE: COURSE DESC: Examination of organization and structure of African American personality within American and African sociopsychological contexts. Special emphasis on various forces that shape African American personality.	LEC	LE	3	0		N	U30		0
A&S	AAS	AAS	3450	The Black Woman GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Examines the complex experience of being a Black woman in America. It addresses such topics as identify, black male-female relations, black feminism, social mobility and activism from a sociohistorical perspective.	LEC	LE	3	0		N	U30		0
A&S	AAS	AAS	3460	Black Men and Masculinities GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Black Men and Masculinities is an interdisciplinary course that examines the diverse experiences of black men and the public discourses about black masculinities primarily in the U.S. The major thrust of the course is to examine how the gendered social order influences black men's actions and the way black men perceive themselves, other men, women, and social situations. We will use an intersectionality perspective to explore the relationships between multiple dimensions of social relations and inequalities: gender, race/ethnicity, class, and sexual orientation. We will also consider how black masculinities are produced in various physical/social sites. This course evaluates the prospects for social change in how black men think, feel, and act. It addresses issues such as: black male socialization and boyhood/guyland culture, the black male body image, black male friendship, black male sexuality and fertility, black men's experiences as fathers and their involvement in volunteer and paid youth work, male aggression and violence, the social construction of masculinities in different historical and cultural contexts, and men's movements and networks.	LEC	LE	3	0		N	U30		0
A&S	AAS	AAS	3500	African American Arts and Artists GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: The class is an intensive study of a specific topic/theme of Black visual and expressive culture. The course will be structured around this specific topic/theme to illustrate the methods and traditions of black visual and expressive culture. The content of the course will rotate but always address the relationship between art practice and the idea of race. Such topics might include feminist art, the racial grotesque, Chester Himes and the noir tradition, passing and the black embodiment index, historical consciousness and Civil Rights America, hip-hop modernism, or an analysis of one literary text (Ralph Ellison's Invisible Man or Ishmael Reed's Mumbo Jumbo) and its influence of black visual and expressive culture. The purpose of this class is to promote a rigorous sense of blackness as entailing a negotiation with the necessary, creative tensions between art and distinct modalities of black visual and expressive culture. In other words, this course redraws the lines of influence, appreciation, allusion, causality, reference, and exposition by recognizing the importance of ambiguity over prescription. The approach of the class is most immediately informed by the work of Darby English (How to See a Work of Art in Total Darkness), Kobena Mercer (Annotating Art's Histories series), and Kimberly Benston (Performing Blackness: Enactments of African American Modernism). This body of literature represents a focus on black visual and expressive culture as a critical art informed by the history of African Americans but not utterly reducible to that history. Therefore, the course frames the respective topic or theme as a multi-discursive aesthetic and cultural practice. In this way, the method will be that of visual culture and black studies.	LEC	LE	3	0	2HL	N	U30		0
A&S	AAS	AAS	3520	Blacks in Contemporary American Cinema GEC1: A-F REQUISITE: AAS 1500 COURSE DESC: Explores the representation of African Americans in contemporary American cinema since the 1970s. It also examines the contributions of African Americans on both sides of the camera, as well as various themes conveyed in the films of the period. This class will not only understand film as a text, it will also critique, analyze and investigate the social and political messages within the film text.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	3530	Survey of Black Independent Cinema	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AAS 1500									
		COURSE DESC:		Black Independent Cinema is a course about seeing. Many look but few see. We will build a consciousness of the Africana experience in independent filmmaking with particular emphasis on independent filmmakers from the United States. This aim will be achieved by examining the body of work produced by independent filmmakers from the early 1900s up until present day.									
				In addition to the study of the film diegesis, this course will explore aesthetic and theoretical issues relative to the development of an independent Black cinema. Black cinema describes a specific body of films produced in the African Diaspora which shares a common problematic (Yearwood, 2000, p5). Further this course will examine the social dynamics at work during the various stages of Black independent cinema, which has served as a counter to Hollywood's limited portrayal of the Africana experience.									
				This class is guided by interactive discussion and analysis of films screened.									
A&S	AAS	AAS	3530	Survey of Black Independent Cinema	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AAS 1500									
		COURSE DESC:		Black Independent Cinema is a course about seeing. Many look but few see. We will build a consciousness of the Africana experience in independent filmmaking with particular emphasis on independent filmmakers from the United States. This aim will be achieved by examining the body of work produced by independent filmmakers from the early 1900s up until present day.									
				In addition to the study of the film diegesis, this course will explore aesthetic and theoretical issues relative to the development of an independent Black cinema. Black cinema describes a specific body of films produced in the African Diaspora which shares a common problematic (Yearwood, 2000, p5). Further this course will examine the social dynamics at work during the various stages of Black independent cinema, which has served as a counter to Hollywood's limited portrayal of the Africana experience.									
				This class is guided by interactive discussion and analysis of films screened.									
A&S	AAS	AAS	3550	History of African American Music I, Slavery-1926	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: One course in Tier II Fine Arts or Humanities									
		COURSE DESC:		Sociohistorical examination of African American music and its role in shaping American music. Recordings and guest lecturers used as integral part of course. Examines spirituals, rural and urban blues, ragtime, and early jazz.									
A&S	AAS	AAS	3560	History of African American Music II, 1926-Present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: One course in Tier II Fine Arts or Humanities									
		COURSE DESC:		Sociohistorical analysis of African American music and its role in shaping modern American music. Recordings and guest musician/lecturers used as integral part of course. Examines big-band era, urban blues, bebop, rhythm and blues, hard bop, black classical composers, avantgarde musical performances, and hip-hop									
A&S	AAS	AAS	3570	Black Music Criticism: Hip-hop history, culture and politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to engage scholars in a process of discovering and developing critical analytical skills within the context of Hip-hop history, culture, and politics. This course will explore Hip-hop culture as a manifestation of Africana visual, performance and oral traditions. It will explore Africana cultural practices that have given rise to the numerous manifestations of Hip-hop over its thirty-plus year history in the United States and abroad.									
				Hip-hop has affected/infected all facets of popular culture from the classroom to the corporate boardroom. This course examines the development, contradictions and various representations of Hip-hop culture. This course is designed to increase students' depth of knowledge of Hip-hop within the context of Africana cultural practices, the history and various positions about what Hip-hop is/is not and provide opportunities for dialogue and further study.									
				Toward accomplishing the goal of investigating Hip-hop history, culture, and politics, film, various media texts and possibly guest lecturers will be used to facilitate this learning experience. Scholars will be expected to submit papers, complete oral reports, and participate in class projects for successful completion of this course.									
A&S	AAS	AAS	3640	Comparative Study of Injustice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Will take a look at different approaches to civil and human rights in selected developed and developing countries. There will also be a review of theory of justice and political consequences in chosen countries. A substantial part of the fourteen week semester will be used to examine the injustices of the past apartheid system of South African and comparing it to the struggle to end Jim Crow segregation in the United States. In addition, the Armenian genocide, the Rwandan genocide, and the Republic of the Congo genocide will be briefly reviewed and comparisons made. The course will also take a look at the attempts of ethnic cleansing in a number of different parts of the world. Our first review will start in our backyard with a look at how the Native Americans in the U.S. were subjected to a sophisticated genocide perpetrated by the U.S. government and the people of America. Racial injustices suffered by people of color in the United States are interconnected with injustices perpetrated on other people of color throughout the world.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	3680	African American Political Thought	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	AAS 2020						
		COURSE DESC:		This course examines the basic tenets of Black political thought and intellectual history in the United States from 1830 to 2000. This course investigates the influences of political thinkers of African descent who shaped several social and political movements and theories, including Progressivism, liberalism, Marxism, Black Nationalism, feminism & womanism, existentialism, and anti-colonialism.									
A&S	AAS	AAS	3691	U.S. Constitutional Law: Pre-Civil Rights Movements	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		While learning the basic principles of Constitutional Law and legal reasoning, students taking this course will also learn the critical role law plays in correcting social injustices in our society, the significance of precedents and stare decisis in a common law system; and how to distinguish cases that have similar factual bases but different judicial holdings. The course is also intended to help students develop a sharpened sense of civic responsibility, especially in relation to issues of equality and justice.									
A&S	AAS	AAS	3800	African American Education	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 Hours Tier II Social Sciences or Education						
		COURSE DESC:		Some scholars, educators and parents suggest the educational system in the United States, is designed to prepare individuals for access and inclusion into this society and also to intelligently participate in a democratic republic. Others have suggested the educational system is means of social control, both a passive and active way of maintaining the structural hegemony of inequality already present. Whatever the case may be, the debate of how to best empower and educate Africana people has been active since before 1865. This seminar will provide an overview of this discussion as well as some of the major factors contributing to the topic.									
				Seminar in African American Education explores, critiques and examines the journey of African descendants in the United States in their quest for education. This course will examine two major historical features of this experience, how Africana people have sought to educate themselves and how the larger culture has attempted to educate them. Within this examination this course will attempt to explore both positions advanced by scholars, educators and parents as well as other developments in the field of education relating to Africana people.									
A&S	AAS	AAS	3800	African American Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 Hours Tier II Social Sciences or Education						
		COURSE DESC:		Some scholars, educators and parents suggest the educational system in the United States, is designed to prepare individuals for access and inclusion into this society and also to intelligently participate in a democratic republic. Others have suggested the educational system is means of social control, both a passive and active way of maintaining the structural hegemony of inequality already present. Whatever the case may be, the debate of how to best empower and educate Africana people has been active since before 1865. This seminar will provide an overview of this discussion as well as some of the major factors contributing to the topic.									
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A&S	AAS	AAS	4110	Literature Seminar: Black Countercultures	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	AAS 1100 and 2100						
		COURSE DESC:		Focuses on a current critical trend in African American literary studies. Students will have the opportunity to apply critical theory and criticism to, for example, black modernist, postmodernist, and/or transnational literature. Typically readings will include works by such as authors as Ralph Ellison, Richard Wright, Amiri Baraka, Audre Lorde, and/or Toni Morrison. The student will write a critical research paper and be administered essay exams. The aim of the course is to familiarize the student with contemporary approaches and issues in black literary studies.									
A&S	AAS	AAS	4300	Social Theory, Research and Methodology in African American Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	AAS 1060 and (1010 or 2020) and (Jr or Sr)						
		COURSE DESC:		This course will introduce students to the methods and techniques of scholarly research and writing. The course will examine the basic tenets of Africana Studies social theories, research methods, and intellectual inquiry. The foundation of course will begin with an appreciation and understanding of the history, culture, philosophy and worldview of the lived experiences of peoples of African descent. The thematic concerns of the course will focus on social theory and research methods in the field of Africana Studies. The course will survey and investigate the influences of various theoretical perspectives and methodological concerns and determine their intellectual uses and application, as well as discuss some of the criticisms of these methods, particularly as they relate to contemporary thinking about local, national, and international Black experiences.									
A&S	AAS	AAS	4400	The Black Child	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		What does it mean to be a black child in America at the beginning of the 21st century? We will consider how the meaning of childhood changes over time, place, and social context for African Americans. By moving children to the center of focus, we will see that there is no singular definition of African American childhood, but instead many different ways in which African Americans experience childhood and adolescence. Typically African American children are only studied as victims or perpetrators of social problems, but in this course we will consider African American children in many additional contexts. We will begin by examining the meaning(s) of childhood and adolescence and how they have changed over time. Throughout the course we will see how African American children's lives are shaped by broader systems of inequality. We will also examine how African American children are active in the construction of their own peer cultures and popular culture, as well as why the relationship between Black youth and popular culture is routinely viewed as problematic, and how African American children are discussed within the popular press. Finally, we will examine how public policies shaping African Americans children and adolescents' lives are formulated and how they sometimes serve to replicate various inequalities.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	4693	Legal Policy and Disparities in the American Health Care System	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Intended to examine the disparities in health care experienced by women, children, the elderly, Blacks, Latinos, Native Americans, Appalachians, and the poor in the American health care system, in the spirit of open, scholarly inquiry. Dr. Martin Luther King, Jr. once said, Of all the forms of inequality, injustice in health care is the most inhumane. He worked to raise awareness about public health concerns, particularly relating to issues that disproportionately affect minorities, people of color, and low-income communities.									
A&S	AAS	AAS	4820	The Black Family	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Focusing on the history of ideas and approaches that have shaped and defined our understanding of Black families. This course offers an interdisciplinary approach to the study of African American social and family life. You will be introduced to historical and socio-cultural circumstances that affect the Black family and the diverse nature of Black culture. The purpose of this course is to focus on the Black family as a social institution. You will understand and appreciate the strengths of the Black family by being expose to a variety of challenges they face. This course will also attempt to heighten awareness and sensitivity to the contemporary problems affecting the Black family and thus help discover and evaluate social policies and programs geared towards Black families. Specifically, the course will provide a sociological perspective for understanding and analyzing topics and challenges that impact the Black family. The discussion is also designed to encourage and stimulate critical thinking beyond "common sense" interpretations of the Black family.									
A&S	AAS	AAS	4900	Special Topics in African American Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	AAS	4900	Special Topics in African American Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	AAS	4930	Independent Study	IND	EL	3 to 9	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Primarily for students interested in concentrated study in specific area in cooperation with advisor.									
A&S	AAS	AAS	4930	Independent Study	IND	IS	3 to 9	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Primarily for students interested in concentrated study in specific area in cooperation with advisor.									
A&S	AAS	AAS	5400	The Black Child	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		What does it mean to be a black child in America at the beginning of the 21st century? We will consider how the meaning of childhood changes over time, place, and social context for African Americans. By moving children to the center of focus, we will see that there is no singular definition of African American childhood, but instead many different ways in which African Americans experience childhood and adolescence. Typically African American children are only studied as victims or perpetrators of social problems, but in this course we will consider African American children in many additional contexts. We will begin by examining the meaning(s) of childhood and adolescence and how they have changed over time. Throughout the course we will see how African American children's lives are shaped by broader systems of inequality. We will also examine how African American children are active in the construction of their own peer cultures and popular culture, as well as why the relationship between Black youth and popular culture is routinely viewed as problematic, and how African American children are discussed within the popular press. Finally, we will examine how public policies shaping African Americans children and adolescents' lives are formulated and how they sometimes serve to replicate various inequalities.									
A&S	AAS	AAS	5900	Special Topics in African American Studies	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	AAS	5900	Special Topics in African American Studies	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	AAS	6900	Special Topics in African American Studies	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	6900	Special Topics in African American Studies	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	AAS	6930	Independent Research	IND	IS	3 to 9	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		For students desiring to pursue independent research projects under supervision of a faculty member and resulting in term paper or equivalent. Usually a sequel to previous subject-matter course.									
A&S	AAS	T3	4691	U.S. Constitutional Law: Post-Civil Rights Movements	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		By studying key decisions of the Supreme Court of the United States, students taking this course will learn how said Court applied the Constitution to uphold the Civil Rights Acts of 1964 and other laws passed to secure for African Americans the Constitutional rights they had been denied for nearly two centuries. Students will also examine Supreme Court cases that helped to foster further desegregation of America's public schools. Finally, students will learn how other Americans have benefited from the legal paths forged by African Americans in their struggle to obtain the Constitutional rights to which all Americans are entitled.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	1000	Animal Diversity	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not BIOS 1715							
		COURSE DESC:		For nonmajors. A broad survey of all of the major groups of animals. Aspects of the biology, reproduction, ecology, and evolution of the animal phyla.									
A&S	BIOS	BIOS	1030	Human Biology I: Basic Principles	LEC	LE	3	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		For nonmajors. Humans as biological organisms: our origins, ecology, and inheritance, and functioning of our body systems.									
A&S	BIOS	BIOS	1090	Readings in Biology	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1710 concurrent							
		COURSE DESC:		Small group study and discussion of topics only peripherally covered in the BIOS 1700 series. Provides an informal forum to read about, discuss, and present topics that go beyond the textbook.									
A&S	BIOS	BIOS	1100	Peer-Led Team Learning for BIOS 1700	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	BIOS 1700 or concurrent							
		COURSE DESC:		PR, F Small groups of students meet with peer mentors to work on problem sets, readings, team-based learning projects in order master the material in BIOS 1700 and the scientific reasoning it requires.									
A&S	BIOS	BIOS	1300	Principles of Human Anatomy and Physiology I	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Pre-Nursing major or Soph or C or better in BIOS 1030							
		COURSE DESC:		Introduction to the structure and function of the human body using chemicals, cells, tissues, to study the integumentary, skeletal, muscular and nervous systems.									
A&S	BIOS	BIOS	1300	Principles of Human Anatomy and Physiology I	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Pre-Nursing major or Soph or C or better in BIOS 1030							
		COURSE DESC:		Introduction to the structure and function of the human body using chemicals, cells, tissues, to study the integumentary, skeletal, muscular and nervous systems.									
A&S	BIOS	BIOS	1310	Principles of Human Anatomy and Physiology II	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in BIOS 1300							
		COURSE DESC:		Introduction to the structure and function of the human body in the study of the digestive, urinary, reproductive, cardiovascular, lymphatic, respiratory, endocrine systems, and acid-base balance.									
A&S	BIOS	BIOS	1310	Principles of Human Anatomy and Physiology II	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in BIOS 1300							
		COURSE DESC:		Introduction to the structure and function of the human body in the study of the digestive, urinary, reproductive, cardiovascular, lymphatic, respiratory, endocrine systems, and acid-base balance.									
A&S	BIOS	BIOS	1500	Concepts in Biology	LEC	LE	2	0		I	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to learning and study skills in Biology through the use of case studies in cell biology, genetics, and physiology.									
A&S	BIOS	BIOS	1700	Biological Sciences I: Molecules and Cells	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in BIOS 1030 or ((ACT 23 or SAT 1130) and Chemistry placement 1510) or (ACT 27 or SAT 1280) and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): PBIO 1140							
		COURSE DESC:		Cellular and molecular biology. Designed for science majors and preprofessional students. Introduction to the chemistry of life, cell structure and function, and the principles of inheritance. Credit not allowed for both 1700 and PBIO 1140.									
A&S	BIOS	BIOS	1705	Biological Sciences I Laboratory	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1700 or concurrent							
		COURSE DESC:		Laboratory course to accompany BIOS 1700.									
A&S	BIOS	BIOS	1710	Biological Sciences II: Ecology, Evolution, Animal Body Systems	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 1700 or PBIO 1140)							
		COURSE DESC:		Animal organ systems. Designed for science majors and preprofessional students. Introduction to multicellular life, organ systems, anatomy, physiology, and animal development; emphasis is on comparative strategies within the animal kingdom. Ecology and evolutionary biology. Introduction to the principles of evolution, ecology, and behavior.									
A&S	BIOS	BIOS	1715	Biological Sciences II Laboratory	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1710 or concurrent							
		COURSE DESC:		Laboratory survey of the major phyla of the animal kingdom to reveal evolutionary relationships and structural and functional characteristics. Laboratory includes microscopy and dissection.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	2010	Elementary Microbiology	LAB	LB	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	One course in BIOS and CHEM and not BIOS major							
		COURSE DESC:		Medical microbiology; topics include microbial and fungal growth, metabolism, and genetics; antimicrobial chemotherapy; principles of immunology, microorganisms, and infectious diseases.									
A&S	BIOS	BIOS	2010	Elementary Microbiology	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	One course in BIOS and CHEM and not BIOS major							
		COURSE DESC:		Medical microbiology; topics include microbial and fungal growth, metabolism, and genetics; antimicrobial chemotherapy; principles of immunology, microorganisms, and infectious diseases.									
A&S	BIOS	BIOS	2020	The Biology of Sex Differences	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Genetic, hormonal, and environmental influences that affect the development of sex differences. Lecture, discussion, and group-report formats.									
A&S	BIOS	BIOS	2030	Human Biology II: Essentials of Anatomy and Physiology	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1030 or 1710 and WARNING: No credit if taken after 3010							
		COURSE DESC:		Introduction to functional anatomy of the human body. Emphasis is on the musculoskeletal system and its control by the nervous system. Students will learn how the skeleton, major muscle groups, and nervous system work together during human behaviors such as posture, locomotion, control of the hands, and respiration.									
A&S	BIOS	BIOS	2035	Human Biology II Laboratory: Functional Anatomy	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2030 or concurrent and WARNING: No credit if taken after 3015							
		COURSE DESC:		For nonmajors. Laboratory introduction to the functional human anatomy. Emphasis is on the musculoskeletal and other major organ systems: nervous, circulatory, respiratory, and gastrointestinal. Students will explore the major patterns of the musculoskeletal and other organ systems through practical exercises with joint-muscle and tissue organ relationships by using articulated skeletons, surface anatomy, and dissection.									
A&S	BIOS	BIOS	2050	Human Biology: Sex and Reproduction	LEC	LE	2	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		For nonmajors. Development, structures, and function of male and female human reproductive systems from conception to death, including behavior. Emphasis on current state of knowledge and relevance to topical health and social issues. Lecture and discussion format.									
A&S	BIOS	BIOS	2060	Drugs and the Brain	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1030 or 1710 or PSY 1010							
		COURSE DESC:		For nonmajors. The brain creates behavior in part via multiple chemical messenger (neurotransmitter) systems that serve specific functions such as mood alteration and arousal. Recreational and psychoactive medical drugs work by mimicking these natural messenger systems, and thus help elucidate the behavioral functions of different neurotransmitter classes. Reviews nervous system structure and chemical signaling pathways and then survey the major classes of psychoactive drugs, including alcohol, opium, cocaine, amphetamines, nicotine, caffeine, marijuana, the hallucinogens, and the antidepressants. Particular attention is paid to the biological bases of their effects.									
A&S	BIOS	BIOS	2100	Exploring Animal Behavior	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if taken after BIOS 4730 or PSY 3230							
		COURSE DESC:		Humans have always been interested in animal behavior. During our early history, much of that interest was based on practical need. Today studies of animal behavior help us understand our own behavior as well as our interactions with all other animals. Explore both how and why some animals migrate, live in groups, fight, have mating preferences, provide parental care, and communicate. Lectures will address some controversial issues in animal behavior, such as "Do animals have emotions?" Provides you with a new way of thinking about, observing, and interacting with the animals.									
A&S	BIOS	BIOS	2200	Conservation and Biodiversity	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if taken after BIOS 4810							
		COURSE DESC:		For nonmajors. Introduces the student to the modern field of conservation biology and the role of genetics, ecology, life history, and biogeography in the preservation and maintenance of biodiversity. Case studies of endangered animal and plant species will be highlighted.									
A&S	BIOS	BIOS	2210	Microbes and Humans	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if taken after BIOS 3210							
		COURSE DESC:		For nonmajors. A good introduction to microbiology for allied health fields. Introduction to the history and life of microorganisms with an emphasis on bacteria and viruses. Discussion of the interaction between humans and microbes including vaccines, antibiotics, biotechnology, immunity, disease transmission, and food spoilage. Overview of infectious diseases affecting human organ systems. Application of concepts through reading on current topics.									
A&S	BIOS	BIOS	2225	Microbes and Humans, Laboratory	LAB	LB	2	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2210 or concurrent							
		COURSE DESC:		Microbes and Humans lab focuses on growth, metabolic, and structural characteristics of bacteria and other microbes. Students learn and perform aseptic technique and other standard lab skills that have relevance to controlling microbes, observing and quantifying bacteria in food and water, and demonstrating the presence and role of bacteria in the environment. Special topics also include basics of epidemiology and immunology.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	2250	Genetics in Human Society	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after BIOS 3100									
		COURSE DESC:		For nonmajors. Basic principles of inheritance in humans. Normal and abnormal chromosome constitutions, gene-protein interrelationships, and factors that cause mutations of genes and chromosomes. Significance of genetics in life of human society.									
A&S	BIOS	BIOS	2250	Genetics in Human Society	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after BIOS 3100									
		COURSE DESC:		For nonmajors. Basic principles of inheritance in humans. Normal and abnormal chromosome constitutions, gene-protein interrelationships, and factors that cause mutations of genes and chromosomes. Significance of genetics in life of human society.									
A&S	BIOS	BIOS	2350	Insects, Science, and Society	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: no credit if taken after BIOS 4360									
		COURSE DESC:		Introduces nonmajors to fundamental concepts of biology by using insects as examples. Students will gain an appreciation of how insects have shaped human culture and history for thousands of years and how the scientific understanding of insect behavior, physiology, evolution, and ecology is applied to solve real world problems. Contemporary issues, ranging from mosquito-born diseases, genetically modified crops and insecticide resistance, to killer bees, the silk industry and insects in forensic investigations will be used to focus discussions and improve scientific literacy.									
A&S	BIOS	BIOS	2500	Evolution: the history of life on earth	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for this course if taken after the following: BIOS 3300									
		COURSE DESC:		From DNA to fossils billions of years old, the evidence for evolution is all around us. This course is an introduction to the science of evolutionary biology for those not majoring in the life sciences. Topics covered include the mechanisms of evolution, such as natural selection, adaptation, and the formation of species; the patterns of evolution, such as mass extinction and the chronicle of life on earth; and applications of evolutionary principles to human society, such as medicine, agriculture, and biodiversity conservation. The overriding aim of the course is to educate students on evolutionary biology as a science.									
A&S	BIOS	BIOS	2750	Ecology in the 21st Century	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: no credit if taken after BIOS 3750									
		COURSE DESC:		Introductory study of the natural environment and relations of organisms to one another and their surroundings. Individual, population, and community and global dynamics are considered in natural and human-influenced environments to improve ecological literacy about how the natural world works.									
A&S	BIOS	BIOS	2900	Special Topics in Biological Sciences	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	BIOS	BIOS	2900	Special Topics in Biological Sciences	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	BIOS	BIOS	2970T	Zoology Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	2971T	Zoology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	2980T	Zoology Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	2981T	Zoology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	3010	Human Anatomy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (BIOS 171 or (1710 and 1715))									
		COURSE DESC:		Structure and general function of all body systems with emphasis on human musculoskeletal system, and human structure/function relations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3015	Human Anatomy Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3010 or concurrent									
				Hands-on experience through working with human anatomy at the level of tissues, organs, and body systems. Emphasizes a basic knowledge of anatomical terminology and the structural basis of body functions. Lab and small-group exercises are organized around human prosected/plastinated specimens, regional-surface anatomy, and musculoskeletal modeling and sketching assignments. To gain an appreciation of basic tissue properties and relationships, labs include direct experience with dissection.									
A&S	BIOS	BIOS	3030	Comparative Vertebrate Anatomy	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300									
				Comparative study of the anatomy of vertebrates. Structure, function, and evolution of the vertebrate body forms and organ systems are compared. Extensive lab work covers each of the major classes of vertebrates and includes dissection.									
A&S	BIOS	BIOS	3030	Comparative Vertebrate Anatomy	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300									
				Comparative study of the anatomy of vertebrates. Structure, function, and evolution of the vertebrate body forms and organ systems are compared. Extensive lab work covers each of the major classes of vertebrates and includes dissection.									
A&S	BIOS	BIOS	3100	General Genetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 1710 and 1715) or PBIO 1150									
				Principles and concepts of genetics as revealed by classical and modern investigation.									
A&S	BIOS	BIOS	3105	Laboratory Genetics	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3100									
				Experiments in basic bacterial, yeast, and Drosophila molecular genetics. Experiments include site-directed mutagenesis, yeast 2-hybrid analysis, and transposon mutagenesis in Drosophila. Recombinant DNA techniques designed to familiarize the student with current laboratory procedures in molecular genetics.									
A&S	BIOS	BIOS	3160	Biogeography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (BIOS 1715 or GEOG 1100) and WARNING: not GEOG 3160									
				An examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. The course also explores the role of disturbance as a shaper of biological communities, and students will be introduced to field, laboratory and statistical means of analyzing ecological data. The role of human activities in altering biogeographic patterns is informed by our understanding how and why biological diversity varies over the surface of the earth.									
A&S	BIOS	BIOS	3200	Fundamentals of Animal Cell Biology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 3100									
				Comprehensive introduction to the structure and function of animal cells, emphasizing fundamental principles and concepts of modern cell biology and the dynamic nature of cells and their components.									
A&S	BIOS	BIOS	3205	Cell and Microbiology Techniques	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3200 or concurrent									
				Laboratory exercises designed to illustrate basic techniques in molecular and cell biology, including electrophoresis and immunohistology.									
A&S	BIOS	BIOS	3220	General Microbiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3100 or (BIOS1700 and BIOS2250) or PBIO 3300									
				Overview of bacteria, archaea, fungi, and viruses, and their relationship to humans and the environment.									
A&S	BIOS	BIOS	3225	General Microbiology Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3220 or concurrent and WARNING: no credit if BIOS 3210									
				Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.									
A&S	BIOS	BIOS	3300	Principles of Evolution	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (C- or better in BIOS 1710) and (BIOS 3100 or concurrent)									
				Study of the microevolutionary and macroevolutionary processes and patterns that explain and characterize the history and diversity of life on Earth.									
A&S	BIOS	BIOS	3330	Neural Basis of Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 1710									
				Overview of how animal nervous systems generate behavior. The first half introduces brain and neuronal physiology and anatomy, sensory and motor systems, sensory-motor integration, and motivational states. The second half uses exemplar neuroethological case studies to integrate this information.									
A&S	BIOS	BIOS	3430	Principles of Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (C- or better in CHEM 1520 and BIOS 1710) and (C- or better in PHYS 2002 or concurrent)									
				Function of animal cells and organs, emphasizing the physical and chemical principles underlying physiological processes.									
A&S	BIOS	BIOS	3435	Principles of Physiology Lab	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3430 or concurrent									
				Lab experiences designed to complement material covered in BIOS 3430/5430. Lab introduces students to physiology related skills and techniques used in research settings.									
A&S	BIOS	BIOS	3450	Human Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in ((BIOS 2030 and 2035) or (3010 and 3015))									
				Covers basic cell physiology through most organ systems, particularly those of humans. Emphasis on physiological regulation and physiological responses to various stresses.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3455	Human Physiology Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3450 or concurrent									
A&S	BIOS	BIOS	3455	Human Physiology Laboratory	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3450 or concurrent									
A&S	BIOS	BIOS	3640	Forensic Biology	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr)									
A&S	BIOS	BIOS	3640	Forensic Biology	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr)									
A&S	BIOS	BIOS	3740X	Wildlife Habitat Management	FLD	FE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in BIOS 1710 and 1715									
A&S	BIOS	BIOS	3740X	Wildlife Habitat Management	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in BIOS 1710 and 1715									
A&S	BIOS	BIOS	3740X	Wildlife Habitat Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in BIOS 1710 and 1715									
A&S	BIOS	BIOS	3750	Animal Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (C- or better in BIOS 1710 and 1715) or (PBIO 1150) and (MATH 2301 or 266A or 263A or concurrent)									
A&S	BIOS	BIOS	3760	Field Ecology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 1710 and 1715)									
A&S	BIOS	BIOS	3760	Field Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 1710 and 1715)									
A&S	BIOS	BIOS	3840	Bioethics: Bioethical Problems in Biology and Medicine	LEC	EL	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in BIOS									
A&S	BIOS	BIOS	3840	Bioethics: Bioethical Problems in Biology and Medicine	LEC	LE	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in BIOS									
A&S	BIOS	BIOS	3860	Biology and the Future of Man	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
A&S	BIOS	BIOS	3860	Biology and the Future of Man	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3880	Undergraduate Research Inquiry & Analysis in Ecology and Evolutionary Biology	SEM	SE	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Uses a weekly research seminar series as the basis for research lectures and directed discussions of current research topics, research methods, and experimental design in ecology and evolutionary sciences.									
A&S	BIOS	BIOS	3910	Clinical Laboratory Observation	INT	IN	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Gives students the opportunity to observe activities characteristic of clinical lab. Observations made in hospital setting so that, along with other background information provided, students may be better able to evaluate lab work as career choice.									
A&S	BIOS	BIOS	3930	Topics in Biological Sciences for Nonmajors	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: One course in (BIOS or P BIO) PR, F									
		COURSE DESC:		Individual or small-group study, under supervision of instructor, of topics not otherwise available to undergrad students. Credit not applicable toward major or minor in biological sciences or microbiology.									
A&S	BIOS	BIOS	3970T	Zoology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	3980T	Zoology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	4030	Teaching Vertebrate Anatomy	LAB	LB	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: BIOS 3030 PR, F									
		COURSE DESC:		Students receive advanced training in vertebrate anatomy via lectures and dissections and give presentations while assisting in teaching vertebrate anatomy courses.									
A&S	BIOS	BIOS	4030	Teaching Vertebrate Anatomy	LEC	LE	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: BIOS 3030 PR, F									
		COURSE DESC:		Students receive advanced training in vertebrate anatomy via lectures and dissections and give presentations while assisting in teaching vertebrate anatomy courses.									
A&S	BIOS	BIOS	4070	Developmental Biology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3200 and Sr only									
		COURSE DESC:		Mechanisms of animal development at tissue, cellular, and molecular levels of organization, with emphasis on experimental approaches. Integrates genetics, cell biology, and molecular biology.									
A&S	BIOS	BIOS	4100X	Biological Pharmacology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (BIOS 3430 or 3450) and C or better in (CHEM 3010 or 3060)									
		COURSE DESC:		Covers the therapeutic uses of drugs in the physiology and treatment of certain human diseases (e.g. heart failure and arrhythmias; cancer signaling pathways with a focus on breast cancer; neurological disorders such as schizophrenia and Parkinson's disease, and infectious diseases). A select group of the most commonly prescribed drugs is discussed in terms of their cellular mechanisms of action. After completing this course student will better understand the physiological and molecular basis of human disease and how drug actions alter disease states. Toxicology and medicinal chemistry of various drug classes are not discussed.									
A&S	BIOS	BIOS	4130	Human Neuroscience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C- or better in (BIOS 2030 or 3010 or 3030)) or (C or better in (3430 or 3450 or concurrent))									
		COURSE DESC:		Basic structure and function of the human nervous system. Provides students, including those in premedicine and allied health fields, with a basic understanding of the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, emotion, sleep and arousal, and decision-making) and the consequences of neurological damage to these systems.									
A&S	BIOS	BIOS	4135	Human Neuroscience Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 4130 or concurrent									
		COURSE DESC:		Students will learn human brain anatomy and consequences of neurological damage by completing a human brain dissection, studying cross-sectional anatomy of normal and diseased brains (e.g., via magnetic resonance images), and analysis of clinical cases.									
A&S	BIOS	BIOS	4140	Molecular and Cellular Neuroscience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2301 and C- or better in (BIOS 3420 or 3450)									
		COURSE DESC:		Introduction to the molecular and cellular basis of the functioning of the nervous system. Topics include morphology, excitable properties of neurons, mathematical modeling, neurotransmitters and synaptic function, signal transduction, dendritic processing, neuronal and synaptic development and synaptic/learning and memory.									

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A&S	BIOS	BIOS	4150	Systems and Cognitive Neuroscience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C- or better in (BIOS 4130 or 4140)						
		COURSE DESC:		Neural mechanisms of sensation (vision, hearing, touch, etc.), movement control (balance, locomotion, orienting, reaching, etc.), and cognitive processes (memory, emotion, decision making, etc.). In each class, students hear a lecture and discuss assigned articles from the research literature. A major goal is to train students in critical analysis of primary journal articles.									
A&S	BIOS	BIOS	4180	Methods in Computational Neuroscience	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 4140 and MATH 2302						
		COURSE DESC:		Lecture, discussion, and computer lab. Introduction to mathematical and computational techniques for modeling single neurons and networks of neurons. Cable theory; Rall's model; mathematical solutions; compartmental models; Hodgkin-Huxley equations; introduction to software for simulating synapses, neurons and networks of neurons; intracellular mechanisms and calcium models; reaction-diffusion modeling - stochastic approaches; simplified models of neurons. NEURON taught. Students are expected to complete a simulation project using one of the available software packages.									
A&S	BIOS	BIOS	4180	Methods in Computational Neuroscience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 4140 and MATH 2302						
		COURSE DESC:		Lecture, discussion, and computer lab. Introduction to mathematical and computational techniques for modeling single neurons and networks of neurons. Cable theory; Rall's model; mathematical solutions; compartmental models; Hodgkin-Huxley equations; introduction to software for simulating synapses, neurons and networks of neurons; intracellular mechanisms and calcium models; reaction-diffusion modeling - stochastic approaches; simplified models of neurons. NEURON taught. Students are expected to complete a simulation project using one of the available software packages.									
A&S	BIOS	BIOS	4190	Computer Simulation in Biology	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 2301 and 17 hours in BIOS and Sr only						
		COURSE DESC:		Introduction to computer modeling and simulation in biological research. Designed to illustrate the power and limitations of computer simulation by having students code (in software simulation programs like Berkeley Madonna or Matlab) simulation programs for a number of different biological phenomena. Quantitative models used include those of enzyme kinetics, population biology, population genetics, epidemics, diffusion, and compartmental models in physiology and system biology.									
A&S	BIOS	BIOS	4190	Computer Simulation in Biology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 2301 and 17 hours in BIOS and Sr only						
		COURSE DESC:		Introduction to computer modeling and simulation in biological research. Designed to illustrate the power and limitations of computer simulation by having students code (in software simulation programs like Berkeley Madonna or Matlab) simulation programs for a number of different biological phenomena. Quantitative models used include those of enzyme kinetics, population biology, population genetics, epidemics, diffusion, and compartmental models in physiology and system biology.									
A&S	BIOS	BIOS	4230	Pathogenic Bacteriology	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C- or better in (BIOS 3210 or (3220 and 3225))						
		COURSE DESC:		A molecular approach is used to discuss bacterial pathogenesis and disease manifestations. Topics include some aspects of immunity and pathogen control.									
A&S	BIOS	BIOS	4240	Virology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C- or better in (BIOS 3100 and 3200)						
		COURSE DESC:		Intended to familiarize students with the principles of virology and focuses on human and animal viruses. Emphasis is placed on the molecular events following virus-cell interaction, which are critical to viral replication and pathology. Topics also include viral evolution, novel infectious agents, use of viruses for gene therapy, and modern methods of studying viruses.									
A&S	BIOS	BIOS	4250	Evolutionary Genetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3100 and PSY 2110						
		COURSE DESC:		Basic concepts of population genetics (mutation, gene flow, natural selection, genetic drift). Rates, patterns, and processes of molecular evolution at the population and species level.									
A&S	BIOS	BIOS	4260	Molecular Genetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C- or better in (BIOS 3100 or PBIO 3300) (BIOS 3210 is recommended)						
		COURSE DESC:		Topics will emphasize the interaction of microbial genetics with molecular biology and biotechnology. Genetics of selected bacteria, their bacteriophages, and yeast are covered. Topics include the genetic elements of bacteria, bacteriophage, and yeast; mutations and mutagenesis, mitochondrial genetics and prions, mechanisms of gene transfer and recombination, regulation of gene expression, and recombinant DNA.									
A&S	BIOS	BIOS	4270	Mechanisms of Gene Regulation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C- or better in BIOS 3100 and (Jr or Sr)						
		COURSE DESC:		Class is intended for upper-level undergraduates and graduate students. An in-depth discussion of the molecular events that regulate eukaryotic gene expression. Topics also include gene regulation during differentiation and development, aberrant transcription and disease, generation and utility of transgenic animals, and genomics-based analysis of gene expression.									
A&S	BIOS	BIOS	4290	Marine Biology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1715						
		COURSE DESC:		Biological processes in marine and estuarine habitats, and adaptations for life at sea; emphasis on environmental variables affecting distribution, abundance, and dynamics of marine plants and animals. Includes optional four day field trip to marine environment.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4300	Marine Invertebrate Biology Lecture and Lab	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1710 and 1715)									
				This course introduces students to the broad diversity of marine invertebrates and covers all major & many minor invertebrate phyla, as well as several important protozoan groups. This course provides an overview of each phylum describing characteristic morphology, physiology, and reproduction, and emphasizes major developments in the evolution of invertebrates. Emphasis is on taxa of significant ecological importance in marine habitats. Labs are designed to acquaint students with the different phyla using preserved and live specimens. Students are expected to recognize the particular characteristics of an organism that allow accurate taxonomic placement.									
A&S	BIOS	BIOS	4300	Marine Invertebrate Biology Lecture and Lab	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1710 and 1715)									
				This course introduces students to the broad diversity of marine invertebrates and covers all major & many minor invertebrate phyla, as well as several important protozoan groups. This course provides an overview of each phylum describing characteristic morphology, physiology, and reproduction, and emphasizes major developments in the evolution of invertebrates. Emphasis is on taxa of significant ecological importance in marine habitats. Labs are designed to acquaint students with the different phyla using preserved and live specimens. Students are expected to recognize the particular characteristics of an organism that allow accurate taxonomic placement.									
A&S	BIOS	BIOS	4310	Aquatic Biology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1715									
				Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	BIOS	4310	Aquatic Biology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1715									
				Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	BIOS	4360	Field Entomology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300 or PBIO 3400									
				Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	BIOS	4360	Field Entomology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300 or PBIO 3400									
				Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	BIOS	4410	Parasitology	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1715									
				Etiology of human parasites, their transmission, diagnosis, and prevention.									
A&S	BIOS	BIOS	4440	Tropical Disease Biology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Provides an overview of the nature, impact, and management of tropical diseases. Examines tropical diseases as systems.									
A&S	BIOS	BIOS	4450	Physiology of Exercise	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 3420 or 3430 or 3450)									
				Fundamental concepts and application of organ systems' responses to exercise: special reference to skeletal muscle metabolism, energy expenditure, cardio-respiratory regulation, and training and environmental adaptations.									
A&S	BIOS	BIOS	4460	Physiology of Exercise Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
				REQUISITE: C or better in (BIOS 4450 or EXPH 4140) or concurrent and WARNING: No credit for both this course and EXPH 4145 and WARNING: No credit for this course if BIOS 4455 is taken									
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	BIOS	4460	Physiology of Exercise Laboratory	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
				REQUISITE: C or better in (BIOS 4450 or EXPH 4140) or concurrent and WARNING: No credit for both this course and EXPH 4145 and WARNING: No credit for this course if BIOS 4455 is taken									
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	BIOS	4500	Principles of Endocrinology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 3420 or 3430 or 3450)									
				Endocrine control of mammalian homeostasis and metabolism.									
A&S	BIOS	BIOS	4570	Animal Systematics	DIS	DI	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300									
				Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									

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A&S	BIOS	BIOS	4570	Animal Systematics	DIS	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300									
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	BIOS	4570	Animal Systematics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300									
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	BIOS	4600X	Systematic Biology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300									
		COURSE DESC:		This course focuses on the principles and methods of systematic biology. Topics include molecular evolution, species delimitation, phylogenetic inference, and phylogenetic comparative methods. There is a strong focus on analyzing data, and in applying systematic methods to research. computer labs are emphasized.									
A&S	BIOS	BIOS	4600X	Systematic Biology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300									
		COURSE DESC:		This course focuses on the principles and methods of systematic biology. Topics include molecular evolution, species delimitation, phylogenetic inference, and phylogenetic comparative methods. There is a strong focus on analyzing data, and in applying systematic methods to research. computer labs are emphasized.									
A&S	BIOS	BIOS	4620	Animal Ecological Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 3420 or 3430) and MATH 2301 and (BIOS 3750 or PBIO 4350)									
		COURSE DESC:		Examines how organismal physiology is affected by the physical environment. Comparative approaches explore the behavioral, physiological, and biochemical responses to environmental factors. Current topics and methods are addressed in selected readings and discussion.									
A&S	BIOS	BIOS	4630	Biological Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C- or better in CHEM 3010 or 3050) and (C- or better in BIOS 1700 and BIOS 1710)									
		COURSE DESC:		Biological Chemistry covers structure/function of proteins, nucleotides, lipids, and carbohydrates. Other topics covered include principles of enzyme kinetics, chemical/physical, and functional properties of biological membranes, and DNA synthesis, transcription and translation. Finally, biochemistry of energy and nucleotide metabolism and mechanisms of metabolic regulation are also covered.									
A&S	BIOS	BIOS	4635	Biological Chemistry Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 4630 or CHEM 4901) or concurrent									
		COURSE DESC:		Laboratory exercises covered in BIOS 4630.									
A&S	BIOS	BIOS	4650	Ichthyology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	BIOS	4650	Ichthyology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	BIOS	4710	Ornithology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	BIOS	4710	Ornithology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	BIOS	4720	Herpetology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of Ohio and families of the US.									
A&S	BIOS	BIOS	4720	Herpetology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of Ohio and families of the US.									
A&S	BIOS	BIOS	4730	Animal Behavior	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 2110 and 20 hours in BIOS and Sr only									
		COURSE DESC:		Ecological, physiological, and developmental aspects of animal behavior, interpreted from the perspective of evolutionary biology.									
A&S	BIOS	BIOS	4740	Mammalogy	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3300 or PBIO 3400									
		COURSE DESC:		Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.									

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A&S	BIOS	BIOS	4740	Mammalogy	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300 or PBIO 3400									
				Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.									
A&S	BIOS	BIOS	4770	Population Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3750 or concurrent									
				Major theories and concepts in population and evolutionary ecology. Emphasis on mathematical models pertaining to growth and regulation of populations, population interactions, including predation and competition, distribution and abundance, and life history theory.									
A&S	BIOS	BIOS	4780	Community Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3750									
				Provide a theoretical and empirical examination of the description, structure, and organization of communities. Emphasis is placed on mathematical models that describe the biotic processes that mold community structure. Further consideration of null models in ecology and historical effects are included.									
A&S	BIOS	BIOS	4790	Advanced Evolution	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 3300									
				Current concepts of evolutionary processes: sources of variation, agents of change, natural selection and adaptation, speciation and macroevolution.									
A&S	BIOS	BIOS	4810	Animal Conservation Biology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 20 hours in BIOS and Sr only									
				The roles of population genetics, population and community ecology, biogeography, systematics, and paleobiology in the study of biodiversity, design of nature reserves, and the recovery of endangered species. Discussion of extinction as a process, the effects of human-induced habitat degradation on loss of species diversity, and the role of reserves in protection of species.									
A&S	BIOS	BIOS	4860	Immunology	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 3210 or (3220 and 3225))									
				Fundamental principles and concepts of immunity and the immune response.									
A&S	BIOS	BIOS	4865	Immunology Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 4860 or concurrent									
				Immunological methods, including identification and assessment of functional activities in immune cells and molecules and applied immunological methods with antibodies in research, diagnosis, and therapy.									
A&S	BIOS	BIOS	4900	Special Topics in Biological Sciences	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR									
				Specific course content will vary with offering.									
A&S	BIOS	BIOS	4900	Special Topics in Biological Sciences	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR									
				Specific course content will vary with offering.									
A&S	BIOS	BIOS	4910	Biological Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: Permission required and BIOS major									
				PR, F									
				Practice applying biological methods in professional settings such as biomedical labs, zoos, wildlife refuges and parks, environmental monitoring labs, marine and seaworld institutes, etc.									
A&S	BIOS	BIOS	4911	Clinical Laboratory Science Internship	INT	IN	1 to 9	27		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
		COURSE DESC:		REQUISITE: PR, F									
				Fifty-two week clinical internship includes theoretical and practical coursework in all phases of clinical lab science at accredited school of clinical laboratory science. Required for certification as a clinical laboratory scientist.									
A&S	BIOS	BIOS	4930	Topics in Biological Sciences	IND	IS	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: BIOS 1715 and 2.5 GPA									
				PR, F									
				Individual or small-group study of specialized topics in zoology under supervision of instructor. Special registration with departmental secretary absolutely required.									
A&S	BIOS	BIOS	4940	Undergraduate Research	RSC	RS	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: 14 Hours in BIOS and 3.0 GPA									
				PR, F									
				Individualized and directed research. Students select topics or are directed into possible research areas.									
A&S	BIOS	BIOS	4940H	Honors Undergraduate Research	RSC	RS	2 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and 25 hours in BIOS and 3.5 GPA in BIOS									
				Individualized and directed research for students in departmental honors program. Students select topics or are directed into possible research areas.									

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A&S	BIOS	BIOS	4941	Senior Research and Thesis ELIGIBLE GRADES: COURSE DESC:	RSC	RS	3	0	3	N	U30		0
				GEC1: A-F REQUISITE: 3 Hours BIOS 4940 and Sr only Independent research and thesis under the supervision of a faculty member. Requires students already actively involved in a research project to present their research findings, both orally and in written thesis format. It is intended for students who are not pursuing a degree in Biological Sciences with honors. Students should enroll in the semester the research will be completed and thesis presented.									
A&S	BIOS	BIOS	4941H	Senior Honors Thesis ELIGIBLE GRADES: COURSE DESC:	RSC	RS	2 to 6	0	3	N	U30		0
				GEC1: A-F REQUISITE: BIOS 4940H and 20 hours in BIOS and 3.5 GPA Independent departmental honors research thesis under supervision of staff member. Student should enroll semester he or she expects to complete thesis. Registration with director of departmental honors program is required.									
A&S	BIOS	BIOS	4970T	Tutorial Senior Thesis ELIGIBLE GRADES: COURSE DESC:	TUT	TU	1 to 12	24		N	U30		0
				GEC4: A-F, REQUISITE: HTC CR, PR Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	4980T	Tutorial Senior Thesis ELIGIBLE GRADES: COURSE DESC:	TUT	TU	1 to 12	24		N	U30		0
				GEC4: A-F, REQUISITE: HTC CR, PR Special course offered to students in Honors Tutorial program.									
A&S	BIOS	BIOS	5010	Human Anatomy ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Provides basic and advanced training in body structure/function relations for students who have only limited undergraduate exposure to Human Anatomy. Beyond the basic course requirements, graduate students will be assigned an additional, in-depth survey or research paper on an advanced topic in functional human anatomy.									
A&S	BIOS	BIOS	5010	Human Anatomy ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Provides basic and advanced training in body structure/function relations for students who have only limited undergraduate exposure to Human Anatomy. Beyond the basic course requirements, graduate students will be assigned an additional, in-depth survey or research paper on an advanced topic in functional human anatomy.									
A&S	BIOS	BIOS	5030	Comparative Vertebrate Anatomy ELIGIBLE GRADES: COURSE DESC:	LAB	LB	5	0		N	G50		0
				GEC1: A-F REQUISITE: Comparative study of the anatomy of vertebrates. Structure, function, and evolution of the vertebrate body forms and organ systems are compared. Extensive lab work covers each of the major classes of vertebrates and includes dissection.									
A&S	BIOS	BIOS	5030	Comparative Vertebrate Anatomy ELIGIBLE GRADES: COURSE DESC:	LEC	LE	5	0		N	G50		0
				GEC1: A-F REQUISITE: Comparative study of the anatomy of vertebrates. Structure, function, and evolution of the vertebrate body forms and organ systems are compared. Extensive lab work covers each of the major classes of vertebrates and includes dissection.									
A&S	BIOS	BIOS	5070	Developmental Biology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Mechanisms of animal development at tissue, cellular, and molecular levels of organization, with emphasis on experimental approaches. Integrates genetics, cell biology, and molecular biology.									
A&S	BIOS	BIOS	5130	Human Neuroscience ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Basic structure and function of the human nervous system. Provides students, including those in premedicine and allied health fields, with a basic understanding of the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, emotion, sleep and arousal, and decision-making) and the consequences of neurological damage to these systems.									
A&S	BIOS	BIOS	5135	Human Neuroscience Laboratory ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	G50		0
				GEC1: A-F REQUISITE: BIOS 5130 or concurrent Students will learn human brain anatomy and consequences of neurological damage by completing a human brain dissection, studying cross-sectional anatomy of normal and diseased brains (e.g., via magnetic resonance images), and analysis of clinical cases.									
A&S	BIOS	BIOS	5140	Molecular and Cellular Neuroscience ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to the molecular and cellular basis of the functioning of the nervous system. Topics include morphology, excitable properties of neurons, mathematical modeling, synaptic function, molecular biology, signal transduction, gene expression, and neuronal development.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5150	Systems and Cognitive Neuroscience	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 5140									
		COURSE DESC:		Neural mechanisms of sensation (vision, hearing, touch, etc.), movement control (balance, locomotion, orienting, reaching, etc.), and cognitive processes (memory, emotion, decision making, etc.). In each class, students hear a lecture and discuss assigned articles from the research literature. A major goal is to train students in critical analysis of primary journal articles.									
A&S	BIOS	BIOS	5160	Biogeography	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape.									
A&S	BIOS	BIOS	5180	Methods in Computational Neuroscience	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Lecture, discussion, and computer lab. Introduction to mathematical and computational techniques for modeling single neurons and networks of neurons. Cable theory; Rall's model; compartmental models; introduction to available software for simulating neurons and networks of neurons; modeling of action potentials, Hodgkin-Huxley equations, synaptic conductances, and voltage-dependent conductances; Hebbian synapses; synaptic modification rules; quantal analysis; neural networks. Students are expected to complete a simulation project using one of the available software packages.									
A&S	BIOS	BIOS	5180	Methods in Computational Neuroscience	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Lecture, discussion, and computer lab. Introduction to mathematical and computational techniques for modeling single neurons and networks of neurons. Cable theory; Rall's model; compartmental models; introduction to available software for simulating neurons and networks of neurons; modeling of action potentials, Hodgkin-Huxley equations, synaptic conductances, and voltage-dependent conductances; Hebbian synapses; synaptic modification rules; quantal analysis; neural networks. Students are expected to complete a simulation project using one of the available software packages.									
A&S	BIOS	BIOS	5210	General Microbiology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.									
A&S	BIOS	BIOS	5210	General Microbiology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.									
A&S	BIOS	BIOS	5230	Pathogenic Bacteriology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A molecular approach is used to discuss bacterial pathogenesis and disease manifestations. Topics include some aspects of immunity and pathogen control.									
A&S	BIOS	BIOS	5240	Virology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intended to familiarize students with the principles of virology and focuses on human and animal viruses. Emphasis is placed on the molecular events following virus-cell interaction, which are critical to viral replication and pathology. Topics also include viral evolution, novel infectious agents, use of viruses for gene therapy, and modern methods of studying viruses.									
A&S	BIOS	BIOS	5250	Evolutionary Genetics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic concepts of population genetics (mutation, gene flow, natural selection, genetic drift). Rates, patterns, and processes of molecular evolution at the population and species level.									
A&S	BIOS	BIOS	5260	Molecular Genetics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Topics will emphasize the interaction of microbial genetics with molecular biology and biotechnology. Genetics of selected bacteria, their bacteriophages, and yeast are covered. Topics include the genetic elements of bacteria, bacteriophage, and yeast; mutations and mutagenesis, mitochondrial genetics and prions, mechanisms of gene transfer and recombination, regulation of gene expression, and recombinant DNA. Students are recommended to take BIOS 3210.									
A&S	BIOS	BIOS	5270	Mechanisms of Gene Regulation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Class is intended for upper-level undergraduates and graduate students. An in-depth discussion of the molecular events that regulate eukaryotic gene expression. Topics also include gene regulation during differentiation and development, aberrant transcription and disease, generation and utility of transgenic animals, and genomics-based analysis of gene expression.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5290	Marine Biology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Biological processes in marine and estuarine habitats, and adaptations for life at sea; emphasis on environmental variables affecting distribution, abundance, and dynamics of marine plants and animals. Includes optional four day field trip to marine environment.									
A&S	BIOS	BIOS	5310	Aquatic Biology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	BIOS	5310	Aquatic Biology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	BIOS	5360	Field Entomology	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	BIOS	5360	Field Entomology	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	BIOS	5410	Parasitology	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Etiology of human parasites, their transmission, diagnosis, and prevention.									
A&S	BIOS	BIOS	5430	Principles of Physiology I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Function of animal cells and organs emphasizing the physical and chemical principles underlying physiological processes. Focus on membrane properties of excitable and nonexcitable cells, chemical messengers and regulators, fluid balance, and nutrient balance.									
A&S	BIOS	BIOS	5435	Principles of Physiology Lab	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 5430 or concurrent									
		COURSE DESC:		Lab experiences designed to complement material covered in BIOS 3430/5430. Lab introduces students to physiology related skills and techniques used in research settings.									
A&S	BIOS	BIOS	5440	Tropical Disease Biology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an overview of the nature, impact, and management of tropical diseases. Examines tropical diseases as systems.									
A&S	BIOS	BIOS	5450	Physiology of Exercise	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamental concepts and application of organ systems' responses to exercise: special reference to skeletal muscle metabolism, energy expenditure, cardio-respiratory regulation, and training and environmental adaptations.									
A&S	BIOS	BIOS	5460	Physiology of Exercise Laboratory	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 2150 and WARNING: No credit for this course if taken after BIOS 5460									
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	BIOS	5460	Physiology of Exercise Laboratory	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 2150 and WARNING: No credit for this course if taken after BIOS 5460									
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	BIOS	5500	Principles of Endocrinology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Endocrine control of mammalian homeostasis and metabolism.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5570	Animal Systematics	DIS	DI	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	BIOS	5570	Animal Systematics	DIS	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	BIOS	5570	Animal Systematics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	BIOS	5600X	Systematic Biology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the principles and methods of systematic biology. Topics include molecular evolution, species delimitation, phylogenetic inference, and phylogenetic comparative methods. There is a strong focus on analyzing data, and in applying systematic methods to research. computer labs are emphasized.									
A&S	BIOS	BIOS	5600X	Systematic Biology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the principles and methods of systematic biology. Topics include molecular evolution, species delimitation, phylogenetic inference, and phylogenetic comparative methods. There is a strong focus on analyzing data, and in applying systematic methods to research. computer labs are emphasized.									
A&S	BIOS	BIOS	5620	Animal Ecological Physiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines how organismal physiology is affected by the physical environment. Comparative approaches explore the behavioral, physiological, and biochemical responses to environmental factors. Current topics and methods are addressed in selected readings and discussion.									
A&S	BIOS	BIOS	5630	Biological Chemistry	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Biological Chemistry covers structure/function of proteins, nucleotides, lipids, and carbohydrates. Other topics covered include principles of enzyme kinetics, chemical/physical, and functional properties of biological membranes, and DNA synthesis, transcription and translation. Finally, biochemistry of energy and nucleotide metabolism and mechanisms of metabolic regulation are also covered.									
A&S	BIOS	BIOS	5650	Ichthyology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	BIOS	5650	Ichthyology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	BIOS	5710	Ornithology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	BIOS	5710	Ornithology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	BIOS	5720	Herpetology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3300						
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of ohio and families of the US.									
A&S	BIOS	BIOS	5720	Herpetology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3300						
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of ohio and families of the US.									
A&S	BIOS	BIOS	5730	Animal Behavior	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Ecological, physiological, and developmental aspects of animal behavior, interpreted from the perspective of evolutionary biology.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5740	Mammalogy	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.									
A&S	BIOS	BIOS	5740	Mammalogy	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.									
A&S	BIOS	BIOS	5770	Population Ecology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Major theories and concepts in population and evolutionary ecology. Emphasis on mathematical models pertaining to growth and regulation of populations, population interactions, including predation and competition, distribution and abundance, and life history theory.									
A&S	BIOS	BIOS	5780	Community Ecology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provide a theoretical and empirical examination of the description, structure, and organization of communities. Emphasis is placed on mathematical models that describe the biotic processes that mold community structure. Further consideration of null models in ecology and historical effects are included.									
A&S	BIOS	BIOS	5790	Advanced Evolution	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Current concepts of evolutionary processes: sources of variation, agents of change, natural selection and adaptation, speciation and macroevolution.									
A&S	BIOS	BIOS	5810	Animal Conservation Biology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The roles of population genetics, population and community ecology, biogeography, systematics, and paleobiology in the study of biodiversity, design of nature reserves, and the recovery of endangered species. Discussion of extinction as a process, the effects of human-induced habitat degradation on loss of species diversity, and the role of reserves in protection of species.									
A&S	BIOS	BIOS	5860	Immunology	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Fundamental principles and concepts of immunity and the immune response.									
A&S	BIOS	BIOS	5865	Immunology Lab	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				CR, PR									
		COURSE DESC:		Immunological methods, including identification and assessment of functional activities in immune cells and molecules and applied immunological methods with antibodies in research, diagnosis, and therapy.									
A&S	BIOS	BIOS	5900	Special Topics in Biological Sciences	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	5900	Special Topics in Biological Sciences	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	6580	Clinical Gross Anatomy I	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the back and upper and lower limbs. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									
A&S	BIOS	BIOS	6580	Clinical Gross Anatomy I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the back and upper and lower limbs. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									
A&S	BIOS	BIOS	6590	Clinical Anatomy II	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the thorax, abdomen, pelvis and perineum. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									

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COURSE LISTING
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A&S	BIOS	BIOS	6590	Clinical Anatomy II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the thorax, abdomen, pelvis and perineum. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									
A&S	BIOS	BIOS	6600	Clinical Anatomy III	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the head and neck. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									
A&S	BIOS	BIOS	6600	Clinical Anatomy III	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consists of lectures and laboratories focusing on the physician-oriented gross anatomy of the head and neck. Prepares the student for the application of anatomy to the clinical sciences. The primary resource is the human cadaver dissection; additionally, imaging studies, models, cross-sections, plastinated specimens will be used as study guides. Clinical correlations and case studies will be used to enhance the understanding of human anatomy.									
A&S	BIOS	BIOS	6610	Microanatomy I: Architecture of Cells and Tissues	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to train Master's and Ph.D. level graduate students in the Department of Biological Sciences in molecular and cellular aspects of human tissue structure and function. This course is also intended to train graduate students to teach in the microanatomy laboratories offered in a standard medical curriculum. Complements graduate courses in clinical gross anatomy and provides credit for students pursuing a Master's or Ph.D. in Biological Sciences. A formal and structured approach to training students in microanatomy of human tissues and will be taught in conjunction with anatomy-based courses in the Department of Biological Sciences, including Clinical Gross Anatomy I (Back and Extremities), Clinical Gross Anatomy 2 (Thorax, Abdomen, Pelvis, and Perineum), and Clinical Gross Anatomy 3 (Head and Neck).									
				Lectures and laboratory exercises will involve examination of prepared slides and discussion of molecular and cellular composition of the basic tissue types and organs of the human body, as well as an introduction to pathology. Each laboratory will address a specific area and associated clinical questions and correlates that will require discussion among students.									
				In addition to weekly quizzes and practical examinations covering the course material on cell and tissue architecture and introductory pathology, students will be required to formally develop and present detailed audio-visual demonstrations of selected histopathological specimens to graduate students and graduate faculty within Biological Sciences.									
A&S	BIOS	BIOS	6610	Microanatomy I: Architecture of Cells and Tissues	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to train Master's and Ph.D. level graduate students in the Department of Biological Sciences in molecular and cellular aspects of human tissue structure and function. This course is also intended to train graduate students to teach in the microanatomy laboratories offered in a standard medical curriculum. Complements graduate courses in clinical gross anatomy and provides credit for students pursuing a Master's or Ph.D. in Biological Sciences. A formal and structured approach to training students in microanatomy of human tissues and will be taught in conjunction with anatomy-based courses in the Department of Biological Sciences, including Clinical Gross Anatomy I (Back and Extremities), Clinical Gross Anatomy 2 (Thorax, Abdomen, Pelvis, and Perineum), and Clinical Gross Anatomy 3 (Head and Neck).									
				Lectures and laboratory exercises will involve examination of prepared slides and discussion of molecular and cellular composition of the basic tissue types and organs of the human body, as well as an introduction to pathology. Each laboratory will address a specific area and associated clinical questions and correlates that will require discussion among students.									
				In addition to weekly quizzes and practical examinations covering the course material on cell and tissue architecture and introductory pathology, students will be required to formally develop and present detailed audio-visual demonstrations of selected histopathological specimens to graduate students and graduate faculty within Biological Sciences.									
A&S	BIOS	BIOS	6620	Microanatomy II: Organ Systems	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to train Master's and Ph.D. level graduate students in the Department of Biological Sciences in microanatomical structure of human organ systems and how this relates to their physiological functions. Also intended to train graduate students to teach in the microanatomy laboratories offered in a standard medical curriculum. Complements graduate courses in clinical gross anatomy and provides credit for students pursuing a Master's or Ph.D. in Biological Sciences. A formal and structured approach to training students in microanatomy of human tissues and will be taught in conjunction with anatomy-based courses in the Department of Biological Sciences, including Clinical Gross Anatomy I (Back and Extremities), Clinical Gross Anatomy 2 (Thorax, Abdomen, Pelvis, and Perineum), and Clinical Gross Anatomy 3 (Head and Neck).									
				Lectures and laboratory exercises will involve examination of prepared slides and discussion of molecular and cellular composition of organ systems of the human body, their interrelationships, and selected pathologies. Each laboratory will address a specific area and associated clinical questions and correlates that will require discussion among students.									
				In addition to weekly quizzes and practical examinations covering the course material on structure and function of organ systems and selected pathologies, students will be required to formally develop and present detailed audio-visual demonstrations of selected histopathological specimens to graduate students and graduate faculty within Biological Sciences.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	6620	Microanatomy II: Organ Systems	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to train Master's and Ph.D. level graduate students in the Department of Biological Sciences in microanatomical structure of human organ systems and how this relates to their physiological functions. Also intended to train graduate students to teach in the microanatomy laboratories offered in a standard medical curriculum. Complements graduate courses in clinical gross anatomy and provides credit for students pursuing a Master's or Ph.D. in Biological Sciences. A formal and structured approach to training students in microanatomy of human tissues and will be taught in conjunction with anatomy-based courses in the Department of Biological Sciences, including Clinical Gross Anatomy I (Back and Extremities), Clinical Gross Anatomy 2 (Thorax, Abdomen, Pelvis, and Perineum), and Clinical Gross Anatomy 3 (Head and Neck).									
				Lectures and laboratory exercises will involve examination of prepared slides and discussion of molecular and cellular composition of organ systems of the human body, their interrelationships, and selected pathologies. Each laboratory will address a specific area and associated clinical questions and correlates that will require discussion among students.									
				In addition to weekly quizzes and practical examinations covering the course material on structure and function of organ systems and selected pathologies, students will be required to formally develop and present detailed audio-visual demonstrations of selected histopathological specimens to graduate students and graduate faculty within Biological Sciences.									
A&S	BIOS	BIOS	6700	Biostatistics I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Application of univariate statistics to biology. Descriptive statistics, distributions, hypothesis testing, analysis of variance, linear regression, correlation, and analysis of frequencies.									
A&S	BIOS	BIOS	6820	Advanced Topics	SEM	SE	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Specialized topics not otherwise available to advanced students.									
A&S	BIOS	BIOS	6900	Special Topics in Biological Sciences	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	6900	Special Topics in Biological Sciences	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	6940	Research in Biological Sciences	RSC	RS	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:							
				PR, F									
		COURSE DESC:		Unspecified research, not directly applicable to thesis.									
A&S	BIOS	BIOS	6950	Master's Thesis	THE	TH	1 to 15	60		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:							
				PR, F									
		COURSE DESC:		Research directly applicable to thesis.									
A&S	BIOS	BIOS	7000	Ecology Colloquium	SEM	SE	1 to 2	12		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	EEB graduate student						
				CR									
		COURSE DESC:		Student and faculty presentations of ecologically and evolutionarily focused research.									
A&S	BIOS	BIOS	7120	Seminar in Neuroscience	SEM	SE	1	12		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Forum for presentation of original research, literature reviews, and discussions of contemporary issues in neuroscience. Annual participation is required of all graduate students enrolled in the Neuroscience section. Presentation and discussion.									
A&S	BIOS	BIOS	7900	Muscle Biology	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Topics in muscle structure, function, development, disease, and relationship with nervous system. Different aspects of muscle biology covered each term, and topics chosen on basis of need or requests of interested students.									
A&S	BIOS	BIOS	7970	Seminar in Conservation Biology	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Current research topics in conservation biology. Different aspects of conservation biology are covered each term with the topics chosen based on current issues related to the threats to biological diversity. Faculty and student discussion.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	8700	Biostatistics II	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	BIOS	BIOS	8700	Biostatistics II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	BIOS	BIOS	8900	Special Topics in Biological Sciences	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	8900	Special Topics in Biological Sciences	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	BIOS	8950	Doctoral Dissertation	THE	TH	1 to 15	105		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Research directed toward doctoral degree.									
A&S	BIOS	NEUR	2900	Special Topics in Neuroscience	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	NEUR	2900	Special Topics in Neuroscience	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	NEUR	2970T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Introduction to Neuroscience. An examination of the history of ideas about the mind, the biological basis of behavior, and the origins of Neuroscience, from the convergence of biology, philosophy, and psychology. Exact course materials will be updated on a regular basis, but will typically be based on reading books such as "Neurophilosophy" by Patricia Churchland.									
A&S	BIOS	NEUR	2971T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Fall semester tutorial on neuroscience topics for sophomore HTC students in the neuroscience program.									
A&S	BIOS	NEUR	2980T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Theory and Experiment in Neuroscience. An examination of the logic and adequacy of various experimental approaches used in neuroscience and the problem of placing mind, brain, and behavior in a common empirical framework. Exact course materials will be updated on a regular basis, but will typically be based on reading books such as "Theoretical Neuroscience", by Peter Dayan and Larry Abbott.									
A&S	BIOS	NEUR	2981T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Spring semester tutorial for sophomore HTC students in the Neuroscience Program									
A&S	BIOS	NEUR	3970T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Fall semester tutorial on neuroscience topics for junior HTC students in the Neuroscience program.									
A&S	BIOS	NEUR	3980T	Neuroscience Tutorial	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Spring semester tutorial on neuroscience topics for junior HTC students in the Neuroscience program.									
A&S	BIOS	NEUR	4900	Special Topics in Neuroscience	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	NEUR	4900	Special Topics in Neuroscience	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	NEUR	4970T	Neuroscience Tutorial Senior Thesis	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Senior thesis for HTC students in the neuroscience program.									
A&S	BIOS	NEUR	4980T	Neuroscience Tutorial Senior Thesis	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Senior thesis for HTC students in the neuroscience program.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	D015	Preparation for College Chemistry	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr only									
		COURSE DESC:		For students who have not had high school chemistry or have had inadequate preparation to enter regular chemistry sequence. Material presented includes metric system, atomic and molecular structure, formulas, equations, states of matter, and problem solving. Will not satisfy any part of natural sciences requirement of College of Arts and Sciences.									
A&S	CHEM	CHEM	1010	Chemistry Applied to Today's World	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed for nonscience majors with little or no previous experience with chemistry. Applications of basic principles of chemistry to real-world situations. Instruction will include multimedia and small-group activities.									
A&S	CHEM	CHEM	1100	Introduction to Pharmacy	SEM	SE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Chemistry major									
		COURSE DESC:		A survey of the profession of pharmacy, including its history, scope of practice, educational requirements, organization, regulation, contemporary issues, and career opportunities.									
A&S	CHEM	CHEM	1150	Peer-Led Team Learning for CHEM 1500	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1500 concurrent									
		COURSE DESC:		Content-appropriate discussion and problem solving conducted by a peer mentor in a small group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	CHEM	1151	Peer-Led Team Learning for CHEM 1510	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1510 concurrent									
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	CHEM	1152	Peer-Led Team Learning for Chem 1520	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1520 concurrent									
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	CHEM	1210	Principles of Chemistry I	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and WARNING: No credit for this course if the following is taken: CHEM 1510									
		COURSE DESC:		Introduction to chemistry through study of atomic and molecular structure, periodic table, states of matter gases, solutions, energy changes, acids, bases, equilibrium, and nuclear chemistry.									
A&S	CHEM	CHEM	1210	Principles of Chemistry I	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and WARNING: No credit for this course if the following is taken: CHEM 1510									
		COURSE DESC:		Introduction to chemistry through study of atomic and molecular structure, periodic table, states of matter gases, solutions, energy changes, acids, bases, equilibrium, and nuclear chemistry.									
A&S	CHEM	CHEM	1220	Principles of Chemistry II	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in CHEM 1210									
		COURSE DESC:		Designed to survey organic chemistry and biochemistry and their impact upon daily existence.									
A&S	CHEM	CHEM	1220	Principles of Chemistry II	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in CHEM 1210									
		COURSE DESC:		Designed to survey organic chemistry and biochemistry and their impact upon daily existence.									
A&S	CHEM	CHEM	1500	Concepts in Chemistry	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or concurrent or Math placement level 2 or higher and WARNING: not CHEM 1210 or 1510									
		COURSE DESC:		Introduction to general chemistry for students who have majors requiring CHEM 1510 but who need a solid review of concepts. No prior study of chemistry is assumed. Topics include measurement, properties of matter, fundamental atomic theory, the mole, stoichiometry, and related calculations.									
A&S	CHEM	CHEM	1500	Concepts in Chemistry	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or concurrent or Math placement level 2 or higher and WARNING: not CHEM 1210 or 1510									
		COURSE DESC:		Introduction to general chemistry for students who have majors requiring CHEM 1510 but who need a solid review of concepts. No prior study of chemistry is assumed. Topics include measurement, properties of matter, fundamental atomic theory, the mole, stoichiometry, and related calculations.									

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A&S	CHEM	CHEM	1510	Fundamentals of Chemistry I	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				(MATH 1200 or math placement level 2 or higher) and (C- or better in CHEM 1500 or score 1510 or better on chemistry placement exam) and				
				WARNING: not CHEM 1520 or 1210									
		COURSE DESC:		General course in fundamental chemical principles. Atomic structure, periodic classification, bonding, mole concept, stoichiometry with problem solving, thermochemistry, equilibrium, and gases. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas.									
A&S	CHEM	CHEM	1510	Fundamentals of Chemistry I	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				(MATH 1200 or math placement level 2 or higher) and (C- or better in CHEM 1500 or score 1510 or better on chemistry placement exam) and				
				WARNING: not CHEM 1520 or 1210									
		COURSE DESC:		General course in fundamental chemical principles. Atomic structure, periodic classification, bonding, mole concept, stoichiometry with problem solving, thermochemistry, equilibrium, and gases. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas.									
A&S	CHEM	CHEM	1520	Fundamentals of Chemistry II	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				C- or better in CHEM 1510				
		COURSE DESC:		General course in fundamental chemical principles. Intermolecular forces and phase changes, solutions and colligative properties, chemical kinetics, chemical equilibrium, acid-base equilibria, thermodynamics (entropy and free energy), electrochemistry, descriptive chemistry, and nuclear chemistry. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas. Credit not allowed for both 1220 and 1520.									
A&S	CHEM	CHEM	1520	Fundamentals of Chemistry II	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				C- or better in CHEM 1510				
		COURSE DESC:		General course in fundamental chemical principles. Intermolecular forces and phase changes, solutions and colligative properties, chemical kinetics, chemical equilibrium, acid-base equilibria, thermodynamics (entropy and free energy), electrochemistry, descriptive chemistry, and nuclear chemistry. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas. Credit not allowed for both 1220 and 1520.									
A&S	CHEM	CHEM	2410	Analytical Chemistry I: Quantitative Analysis and Electrochemistry	LEC	LE	3	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				CHEM 2410L or concurrent and C- or better in 1520				
		COURSE DESC:		Introduction to quantitative techniques that include volumetric and gravimetric methods of analysis and data processing, and analysis and modeling using mathematical tools. Topics will also cover modern electrochemical techniques and instrumentation with emphasis on their applications in analytical chemistry. Topics include potentiometry, specific ion electrodes, DC and AC polarography, pulse polarography, coulometry, chronocoulometry, cyclic voltammetry, and rapid scan voltammetry.									
A&S	CHEM	CHEM	2410L	Analytical Chemistry I Lab	LAB	LB	1	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:				CHEM 2410 or concurrent and C- or better in CHEM 1520				
		COURSE DESC:		Laboratory work to accompany 2410.									
A&S	CHEM	CHEM	2900	Special Topics in Chemistry	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
				CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	2900	Special Topics in Chemistry	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
				CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	2970T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:				HTC				
				CR, PR									
		COURSE DESC:		Tutorial study for first year students.									
A&S	CHEM	CHEM	2971T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:				HTC				
				CR, PR									
		COURSE DESC:		Tutorial study for second year students.									
A&S	CHEM	CHEM	2980T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:				HTC				
				CR, PR									
		COURSE DESC:		Tutorial study for first year students.									

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A&S	CHEM	CHEM	2981T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial study for second year students.									
A&S	CHEM	CHEM	3005	Peer-Led Team Learning for Chem 3050	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 3050 concurrent PR, F									
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	CHEM	3006	Peer-Led Team Learning for Chem 3060	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 3060 concurrent PR, F									
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	CHEM	3010	Organic Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (CHEM 1220 or 1520) and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CHEM 3050									
		COURSE DESC:		Designed for students who do not require a full year in organic chemistry. Teaches the chemistry of the functional groups, an introduction to spectroscopy and the importance of mechanism in organic synthesis.									
A&S	CHEM	CHEM	3050	Organic Chemistry I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C- or better in CHEM 1520) and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CHEM 3060									
		COURSE DESC:		Organic chemistry for chemistry majors and other students wishing to acquire sound knowledge of classical and modern organic chemistry.									
A&S	CHEM	CHEM	3060	Organic Chemistry II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in CHEM 3050									
		COURSE DESC:		Continuation of 3050. Organic chemistry for chemistry majors and other students wishing to acquire sound knowledge of classical and modern organic chemistry. (Credit is not allowed for both sequences of organic chemistry courses--3010 and 3050-3060.)									
A&S	CHEM	CHEM	3080	Organic Chemistry Laboratory I	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 3010 or 3050 or concurrent									
		COURSE DESC:		Separation, purification, and characterization of organic compounds: recrystallization, distillation, sublimation, extraction, TLC, column chromatography, GC, HPLC, melting points, and NMR.									
A&S	CHEM	CHEM	3085	Organic Chemistry Laboratory II for Non-Majors	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 3080 and (3060 or concurrent) and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CHEM 3090									
		COURSE DESC:		For nonchemistry majors who need a year of organic chemistry lab. Organic synthesis: Transformations of important functional groups, multi-step syntheses, and study of reaction mechanisms.									
A&S	CHEM	CHEM	3090	Organic Chemistry Laboratory II Advanced	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 3080 and (3060 or concurrent)									
		COURSE DESC:		Continuation of 3080. Emphasis on microscale synthesis, purification, and characterization of organic compounds. Designed for B.S. chemistry majors.									
A&S	CHEM	CHEM	3510	Physical Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in ((CHEM 153 or 1520) and (MATH 163B or 263B or 2302)) and (PHYS 2002 or 2052)									
		COURSE DESC:		For premedicine, B.S.Ed., B.S.I.H., and A.B. Chemistry majors. Topics include thermodynamics, thermochemistry, equilibrium, solutions, and kinetics.									
A&S	CHEM	CHEM	3760	Fundamentals of Inorganic Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520									
		COURSE DESC:		Inorganic topics related to structure, bonding, redox, HSAB, and descriptive main group/transition metal chemistry, including complexes/organometallics.									
A&S	CHEM	CHEM	3970T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial study for third year students.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	3980T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial study for third year students.									
A&S	CHEM	CHEM	4200	Chemical Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 24 hours in CHEM									
		COURSE DESC:		Instruction in use of chemical literature and application to scientific writing.									
A&S	CHEM	CHEM	4310	Analytical Chemistry II: Chromatography and Spectroscopy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (CHEM 2410 and (3510 or 4530))									
		COURSE DESC:		Survey of chromatographic and spectroscopic methods of analysis. Topics include liquid-liquid extractions, partition chromatography, ion-exchange, gas chromatography, high pressure liquid chromatography, exclusion chromatography, electrophoresis, atomic absorption, atomic emission, molecular absorption and molecular emission and X-ray methods of analysis.									
A&S	CHEM	CHEM	4310L	Analytical Chemistry II Lab	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 2410L and CHEM 4310 or concurrent									
		COURSE DESC:		Laboratory work to accompany 4310.									
A&S	CHEM	CHEM	4501	The Principles of Brewing Science	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CHEM 3060 or PBIO 3240) and Sr only and WARNING: No credit for both this course and the following (always deduct credit for first course taken): PBIO 4501									
		COURSE DESC:		Aims to demonstrate fundamental principles and concepts of biochemistry, physiology, microbiology, and plant biology through beer brewing. The practice and study of fermentation first defined the field of biochemistry and combines skills/concepts taken from microbiology (yeast cultivation; inhibition of bacterial growth by hops and ethanol; assay of bacterial contamination), biochemistry (an understanding of aerobic vs non-aerobic respiration and glucose metabolism, lipid oxidation, enzyme kinetics and assay as in starch degradation by amylases and protein degradation by proteases), physiology (the effects of alcohol on the body), and plant biology (barley and hops cultivation, harvesting and malt production; the contribution of plant tannins to beer flavor). This course combines a series of lectures, labs and field trips to the Plant Biology Gardens to demonstrate the concepts invoked in lecture. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using a hands on approach. As many students seem unaware of how alcohol interacts with the body in the long term, this course also informs students about the devastating effects of alcohol abuse on the body and society. As such this course outfits students with a wide range of key scientific concepts coupled with practical skills.									
A&S	CHEM	CHEM	4501	The Principles of Brewing Science	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CHEM 3060 or PBIO 3240) and Sr only and WARNING: No credit for both this course and the following (always deduct credit for first course taken): PBIO 4501									
		COURSE DESC:		Aims to demonstrate fundamental principles and concepts of biochemistry, physiology, microbiology, and plant biology through beer brewing. The practice and study of fermentation first defined the field of biochemistry and combines skills/concepts taken from microbiology (yeast cultivation; inhibition of bacterial growth by hops and ethanol; assay of bacterial contamination), biochemistry (an understanding of aerobic vs non-aerobic respiration and glucose metabolism, lipid oxidation, enzyme kinetics and assay as in starch degradation by amylases and protein degradation by proteases), physiology (the effects of alcohol on the body), and plant biology (barley and hops cultivation, harvesting and malt production; the contribution of plant tannins to beer flavor). This course combines a series of lectures, labs and field trips to the Plant Biology Gardens to demonstrate the concepts invoked in lecture. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using a hands on approach. As many students seem unaware of how alcohol interacts with the body in the long term, this course also informs students about the devastating effects of alcohol abuse on the body and society. As such this course outfits students with a wide range of key scientific concepts coupled with practical skills.									
A&S	CHEM	CHEM	4530	Physical Chemistry I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (CHEM 1520 and PHYS 2052 and MATH 2302)									
		COURSE DESC:		Calculus-based study of thermodynamics with applications to chemical equilibria, mixtures, and phase diagrams.									
A&S	CHEM	CHEM	4530L	Physical Chemistry I Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 4530 or concurrent									
		COURSE DESC:		Experimental determination of molecular weights, ionic velocities, composition of azeotropes and complex ions, equilibrium constants, phase rule diagrams, and vibrational and rotational constants for HCl and DCI. Instrumental procedures include refractometry, polarimetry, viscometry, and infrared spectroscopy.									
A&S	CHEM	CHEM	4540	Physical Chemistry II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 4530									
		COURSE DESC:		Continuation of 4530. Kinetics, Quantum theory with applications to simple systems which model the electronic structure of atoms and molecules.									
A&S	CHEM	CHEM	4540L	Physical Chemistry II Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 4530L									
		COURSE DESC:		Continuation of 4530L. Experimental determination of molecular weights, ionic velocities, composition of azeotropes and complex ions, equilibrium constants, phase rule diagrams, and vibrational and rotational constants for HCl and DCI. Instrumental procedures include refractometry, polarimetry, viscometry, and infrared spectroscopy.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	4600	Spectroscopic Methods in Organic Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CHEM 3060									
		COURSE DESC:		Modern spectroscopic methods as employed in organic chemical research: NMR, IR, mass spectrometry, and UV.									
A&S	CHEM	CHEM	4601	Advanced Organic Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 3090 and 4600									
		COURSE DESC:		Advanced organic lab techniques and instrumentation.									
A&S	CHEM	CHEM	4760	Modern Inorganic Chemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 3760 and (3510 or 4530 or concurrent)									
		COURSE DESC:		Considers relationship between physical and chemical properties of inorganic substances and nature of bonding and structures involved.									
A&S	CHEM	CHEM	4760L	Advanced Inorganic Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 4760 or concurrent									
		COURSE DESC:		Advanced inorganic laboratory synthesis and techniques. Individual projects.									
A&S	CHEM	CHEM	4800	Advanced Organic Chemistry	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and CHEM 3060									
		COURSE DESC:		Structural theory, stereochemistry, reactive intermediates, and reaction mechanisms.									
A&S	CHEM	CHEM	4805	Advanced Organic Synthesis: Reactions and Mechanisms	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C+ or better in CHEM 3060									
		COURSE DESC:		This course will provide an overview of modern organic synthesis. This course is designed for the advanced undergraduate or beginning graduate student who desires a deeper understanding of organic synthesis as initially presented in the typical undergraduate organic course.									
A&S	CHEM	CHEM	4810	Medicinal Chemistry and Drug Discovery	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in Chem 3060) and (Chem 4901 or Chem 4890 or Bios 4630 or concurrent)									
		COURSE DESC:		This course focuses on the chemical principles involved in small molecule drug discovery, design and development. The organic chemistry of drug design and drug action is studied in detail. Starting from strategies for finding a lead compound through optimizing target interactions and drug efficacy, to ultimately bringing the drug to market, the impact of each step on the drug design process is discussed. Drug design tools and approaches such as combinatorial chemistry, molecular modeling, structure-activity-relationships and other strategies are analyzed in detail along with selected topics in the medicinal chemistry of both classic therapeutic agents and newer therapeutic breakthroughs.									
A&S	CHEM	CHEM	4840	Forensic Chemistry I: Arson, Explosives and DNA	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in CHEM 4310									
		COURSE DESC:		Survey topics, which are not included in CHEM 4870 or law enforcement technology (LET) courses, relevant to the modern crime lab. These topics will be focused on arson and explosives analysis and DNA analysis. The DNA section will survey the techniques and instrumentation used in the identification, extraction, and analysis of DNA obtained from forensic evidence with an emphasis on electrophoretic methods of analysis. Topics include the identification and extraction of blood stains, DNA analysis by restriction fragment length polymorphisms, PCR amplified length and sequence polymorphisms, STR systems, Amelogenin markers, Y-chromosome markers and mitochondrial DNA sequencing. Electrophoretic techniques and statistical interpretation of data will also be covered. Other topics may also be included.									
A&S	CHEM	CHEM	4840L	Forensic Chemistry I lab: Arson, Explosives and DNA	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C- or better in CHEM 4310) and (4840 concurrent)									
		COURSE DESC:		Laboratory to accompany CHEM 4840.									
A&S	CHEM	CHEM	4850	Introduction to Toxicology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (CHEM 4890 or 4901)									
		COURSE DESC:		Introduction to chemical, clinical, environmental, and forensic aspects of toxicology, types of poisons, how poisons act, treatment of acute poisoning, and control of poisonous materials.									
A&S	CHEM	CHEM	4850	Introduction to Toxicology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (CHEM 4890 or 4901)									
		COURSE DESC:		Introduction to chemical, clinical, environmental, and forensic aspects of toxicology, types of poisons, how poisons act, treatment of acute poisoning, and control of poisonous materials.									
A&S	CHEM	CHEM	4870	Forensic Chemistry II: Procedures, Drugs and Trace Analysis	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in (CHEM 4310 and 4840) and Sr									
		COURSE DESC:		Surveys chemical problems most frequently encountered in crime labs and their currently acceptable solutions, as well as special techniques not covered in other analytical chemistry courses.									
A&S	CHEM	CHEM	4870L	Forensic Chemistry II Lab	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 4870 or concurrent and C- or better in (CHEM 4310 and 4840L) and Sr									
		COURSE DESC:		Laboratory work to accompany 4870.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	4880	Microscopy and Imaging	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in CHEM 3510 or 4540 or Permission							
		COURSE DESC:		This course is a survey of microscopy techniques used in research and forensic settings, with primary emphasis on optical-based microscopy but also a brief overview of electron microscopy and other non-optical techniques. Microscopy techniques covered in this course include: brightfield, dark field, polarized light, differential interference contrast, confocal, fluorescence, Raman, transmission electron microscopy, and near field. Additional topics discussed in this course include: imaging and spectroscopy through the microscope, standard optical components used in microscopy, analyzing microscopy data, and preparing microscopy data for a peer-reviewed publication or presentation.									
A&S	CHEM	CHEM	4890	Basic Biochemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 3010 or 3060							
		COURSE DESC:		Survey course, including introduction to biochemical concepts and techniques, metabolic pathways, and information storage and transmission, with emphasis on directions of current biochemical research.									
A&S	CHEM	CHEM	4900	Special Topics in Chemistry	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	4900	Special Topics in Chemistry	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	4901	Biochemistry I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 3060 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CHEM 4902							
		COURSE DESC:		Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.									
A&S	CHEM	CHEM	4902	Biochemistry II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 4901							
		COURSE DESC:		Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.									
A&S	CHEM	CHEM	4903	Biochemical Techniques	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 4901 and biochem major							
		COURSE DESC:		Laboratory course using modern biochemical and molecular biology techniques, including electrophoresis, protein cloning, chromatography, and enzyme kinetics.									
A&S	CHEM	CHEM	4910	Forensic Chemistry Internship	INT	IN	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required and forensic chemistry major							
		COURSE DESC:		PR, F Supervised work in approved forensic science lab to gain practical experience. Oral and written reports required.									
A&S	CHEM	CHEM	4940	Undergraduate Research	RSC	RS	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	(Jr or Sr) and 2.75 GPA							
		COURSE DESC:		PR Independent work for qualified upperclass majors in chemistry and related areas. Student may enroll one or more quarters.									
A&S	CHEM	CHEM	4940H	Honors Thesis in Chemistry	RSC	RS	1 to 5	15		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required and in department honors							
		COURSE DESC:		CR Independent work for meritorious chemistry majors pursuing departmental honors.									
A&S	CHEM	CHEM	4941	Undergraduate Research	RSC	RS	3	0	3	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and 20 hours in CHEM and Sr only							
		COURSE DESC:		Independent research for qualified students in chemistry and biochemistry.									
A&S	CHEM	CHEM	4970T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		CR, PR Tutorial study for fourth year students.									

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A&S	CHEM	CHEM	4980T	Chemistry Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial study for fourth year students.									
A&S	CHEM	CHEM	5100	Chemistry Teaching Assistant Training	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM or BIOCHEM graduate student									
		COURSE DESC:		Teaching assistant training for new graduate students.									
A&S	CHEM	CHEM	5100	Chemistry Teaching Assistant Training	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM or BIOCHEM graduate student									
		COURSE DESC:		Teaching assistant training for new graduate students.									
A&S	CHEM	CHEM	5200	Chemical Literature	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Instruction in use of chemical literature and application to scientific writing.									
A&S	CHEM	CHEM	5310	Analytical Chemistry II: Chromatography and Spectroscopy	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of chromatographic and spectroscopic methods of analysis. Topics include liquid-liquid extractions, partition chromatography, ion-exchange, gas chromatography, high pressure liquid chromatography, exclusion chromatography, electrophoresis, atomic absorption, atomic emission, molecular absorption and molecular absorption and molecular emission and X-ray methods of analysis.									
A&S	CHEM	CHEM	5310L	Analytical Chemistry II Lab	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Laboratory work to accompany 4310.									
A&S	CHEM	CHEM	5510	Physical Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		For premedicine, B.S.Ed., B.S.I.H., and A.B. Chemistry majors. Topics include thermodynamics, thermochemistry, equilibrium, solutions, and kinetics.									
A&S	CHEM	CHEM	5530	Physical Chemistry I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Calculus-based study of thermodynamics with applications to chemical equilibria, mixtures, and phase diagrams.									
A&S	CHEM	CHEM	5540	Physical Chemistry II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5530 or 553									
		COURSE DESC:		Continuation of 4530. Kinetics, Quantum theory with applications to simple systems which model the electronic structure of atoms and molecules.									
A&S	CHEM	CHEM	5600	Spectroscopic Methods in Organic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: B or better in CHEM 5800 or 5805									
		COURSE DESC:		Modern spectroscopic methods as employed in organic chemical research: NMR, IR, mass spectrometry, and UV.									
A&S	CHEM	CHEM	5710	Graduate Chemistry Research Training	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is a training for new graduate students in concepts, methods, and techniques needed to succeed in graduate research. The course contains three modules taught by three different faculty members. Students are introduced to proper work practices related to literature searches, lab work, lab safety, lab report writing, and presentation of data to peers and faculty. Students carry out research activities in the three host laboratories, and attend their respective group meetings.									
A&S	CHEM	CHEM	5760	Modern Inorganic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Considers relationship between physical and chemical properties of inorganic substances and nature of bonding and structures involved.									
A&S	CHEM	CHEM	5800	Advanced Organic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Structural theory, stereochemistry, reactive intermediates, and reaction mechanisms.									
A&S	CHEM	CHEM	5805	Advanced Organic Synthesis: Reactions and Mechanisms	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will provide an overview of modern organic synthesis. This course is designed for the advanced undergraduate or beginning graduate student who desires a deeper understanding of organic synthesis as initially presented in the typical undergraduate organic course.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	5810	Medicinal Chemistry and Drug Discovery GEC1: A-F REQUISITE: This course focuses on the chemical principles involved in small molecule drug discovery, design and development. The organic chemistry of drug design and drug action is studied in detail. Starting from strategies for finding a lead compound through optimizing target interactions and drug efficacy, to ultimately bringing the drug to market, the impact of each step on the drug design process is discussed. Drug design tools and approaches such as combinatorial chemistry, molecular modeling, structure-activity-relationships and other strategies are analyzed in detail along with selected topics in the medicinal chemistry of both classic therapeutic agents and newer therapeutic breakthroughs.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5840	Forensic Chemistry I: Arson, Explosives and DNA GEC1: A-F REQUISITE: Survey topics, which are not included in CHEM 4870 or law enforcement technology (LET) courses, relevant to the modern crime lab. These topics will be focused on arson and explosives analysis and DNA analysis. The DNA section will survey the techniques and instrumentation used in the identification, extraction, and analysis of DNA obtained from forensic evidence with an emphasis on electrophoretic methods of analysis. Topics include the identification and extraction of blood stains, DNA analysis by restriction fragment length polymorphisms, PCR amplified length and sequence polymorphisms, STR systems, Amelogenin markers, Y-chromosome markers and mitochondrial DNA sequencing. Electrophoretic techniques and statistical interpretation of data will also be covered. Other topics may also be included.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5840L	Forensic Chemistry I lab: Arson, Explosives and DNA GEC1: A-F REQUISITE: Graduate Status Laboratory to accompany CHEM 4840.	LAB	LB	2	0		N	G50		0
A&S	CHEM	CHEM	5850	Introduction to Toxicology GEC1: A-F REQUISITE: Introduction to chemical, clinical, environmental, and forensic aspects of toxicology, types of poisons, how poisons act, treatment of acute poisoning, and control of poisonous materials.	LEC	EL	4	0		N	G50		0
A&S	CHEM	CHEM	5850	Introduction to Toxicology GEC1: A-F REQUISITE: Introduction to chemical, clinical, environmental, and forensic aspects of toxicology, types of poisons, how poisons act, treatment of acute poisoning, and control of poisonous materials.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5860	Advanced Analytical Chemistry GEC1: A-F REQUISITE: Graduate Status Fundamental principles of instrumental analysis. Atomic and molecular spectroscopy, NMR, separation techniques, mass spectrometry, hyphenated techniques, and specialized techniques like surface characterization techniques, circular dichroism, etc.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5870	Forensic Chemistry II: Procedures, Drugs and Trace Analysis GEC1: A-F REQUISITE: Surveys chemical problems most frequently encountered in crime labs and their currently acceptable solutions, as well as special techniques not covered in other analytical chemistry courses.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5870L	Forensic Chemistry II Lab GEC1: A-F REQUISITE: Laboratory work to accompany 4870.	LAB	LB	2	0		N	G50		0
A&S	CHEM	CHEM	5880	Microscopy and Imaging GEC1: A-F REQUISITE: Permission required This course is a survey of microscopy techniques used in research and forensic settings, with primary emphasis on optical-based microscopy but also a brief overview of electron microscopy and other non-optical techniques. Microscopy techniques covered in this course include: brightfield, dark field, polarized light, differential interference contrast, confocal, fluorescence, Raman, transmission electron microscopy, and near field. Additional topics discussed in this course include: imaging and spectroscopy through the microscope, standard optical components used in microscopy, analyzing microscopy data, and preparing microscopy data for a peer-reviewed publication or presentation.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5890	Basic Biochemistry GEC1: A-F REQUISITE: Survey course, including introduction to biochemical concepts and techniques, metabolic pathways, and information storage and transmission, with emphasis on directions of current biochemical research.	LEC	LE	4	0		N	G50		0
A&S	CHEM	CHEM	5900	Special Topics in Chemistry GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	CHEM	CHEM	5900	Special Topics in Chemistry GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	5901	Biochemistry I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.									
A&S	CHEM	CHEM	5902	Biochemistry II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 5901						
		COURSE DESC:		Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.									
A&S	CHEM	CHEM	5920	Chemistry Teaching Practicum	PRA	PR	1	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR This class is a mentored teaching experience for graduate student teaching assistants in the Department of Chemistry & Biochemistry									
A&S	CHEM	CHEM	6900	Special Topics in Chemistry	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	CHEM	CHEM	6900	Special Topics in Chemistry	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	CHEM	CHEM	6950	Research and Thesis	THE	TH	1 to 12	48		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Graduate Status						
		COURSE DESC:		CR, PR Research and thesis as recommended by department.									
A&S	CHEM	CHEM	7010	Advanced Organic Chemistry I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 5800 or concurrent						
		COURSE DESC:		Organic methodology and syntheses.									
A&S	CHEM	CHEM	7020	Advanced Organic Chemistry II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 7010 or concurrent						
		COURSE DESC:		A continuation of Chem 7010 with an emphasis on the synthesis of natural products.									
A&S	CHEM	CHEM	7030	Physical Organic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 7020 or concurrent						
		COURSE DESC:		Application of modern concepts to structure and reactivity in organic reactions of various mechanistic classes.									
A&S	CHEM	CHEM	7040	Modern Heterocyclic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 7020 or concurrent						
		COURSE DESC:		Theoretical and synthetic aspects of heterocyclic chemistry.									
A&S	CHEM	CHEM	7050	Organometallic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 5760 and 5800						
		COURSE DESC:		Structure and reactivity of organometallic compounds.									
A&S	CHEM	CHEM	7060	Natural Products Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 7020						
		COURSE DESC:		Terpenes, steroids, alkaloids, and other natural products.									
A&S	CHEM	CHEM	7110	Protein Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 5901						
		COURSE DESC:		Examination of seminal discoveries in the fields of protein and carbohydrate chemistry. Includes detailed study of the work of Nobelists like Fred Sanger, Gunter Blobel, and others.									
A&S	CHEM	CHEM	7150	Advanced Special Topics in Biochemistry	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 5890 or (5900 or 590)						
		COURSE DESC:		Seminar contents varies.									

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A&S	CHEM	CHEM	7160	Enzymology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5890 or 5901									
				A study of the subjects and techniques relevant to the structure and function of enzymes. Topics include enzyme kinetics, purification, characterization, and active site chemistry. Current research directions such as the construction of catalytic RNA molecules (ribozymes) and catalytic antibodies are emphasized, along with the recent role molecular biology techniques have played in the enzymology field.									
A&S	CHEM	CHEM	7170	Chemical Biology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5902									
				A study of the concepts and methods of applying chemical tools to study problems in cell and molecular biology. Specific topics include chemical genetics, directed evolution, diversity oriented synthesis, microarray-based protein profiling, photoaffinity labeling, and native chemical ligation. Emphasis is placed on current research objectives in chemical biology such as modulating biomolecular interactions using chemical tools, developing biorthogonal fluorescent reporters, and applications of small molecules in developmental biology.									
A&S	CHEM	CHEM	7260	Electroanalytical Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: CHEM 5860									
		COURSE DESC:		CR, PR									
				Fundamentals and applications of potentiometry, conductometry, coulometry, voltammetry, amperometry, cyclic voltammetry, chronocoulometry, and spectroelectrochemistry.									
A&S	CHEM	CHEM	7270	Spectrochemical Analysis	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5310 or 5860									
				Modern instrumental methods of molecular spectroscopy including Raman, FT-IR and NMR, circular dichroism, and mass spectrometry; recent methods of atomic spectroscopy including plasma sources and X-ray methods of analysis.									
A&S	CHEM	CHEM	7280	Theory and Principles of Analytical Separation	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: CHEM 5310 or 5860									
		COURSE DESC:		CR, PR									
				Topics include liquid-liquid extractions, partition chromatography, ion exchange, gas chromatography, high pressure liquid chromatography, exclusion chromatography, and electrophoresis.									
A&S	CHEM	CHEM	7290	Introduction to Chemometrics	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5860									
				Topics include multivariate calibration, experimental design and optimization, pattern recognition, signal processing, and multivariate curve resolution.									
A&S	CHEM	CHEM	7300	Special Topics in Analytical Chemistry	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: CHEM 5860									
		COURSE DESC:		CR, PR									
				Selected topics in Analytical Chemistry. Topics vary depending on faculty expertise, but recent offerings have included mass spectrometry and bioanalytical techniques.									
A&S	CHEM	CHEM	7530	Chemical Applications of Group Theory	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Develops foundations for application of elementary group theory to organize or simplify problems in quantum chemistry. Applications include molecular orbitals, molecular vibrations, and ligand field environments.									
A&S	CHEM	CHEM	7570	Chemical Kinetics	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				Experimental methods of obtaining reaction rates, interpretation of rate data, and relationships between mechanism of reactions and rate equations of reactions.									
A&S	CHEM	CHEM	7580	Solid State Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: CHEM 5510									
		COURSE DESC:		PR									
				Develops foundation of basic surface science concepts and techniques. These concepts include structure of clean and adsorbate covered surfaces, chemical bonding of adsorbates, energy transfer mechanisms on surfaces, and catalyzed surface reactions.									
A&S	CHEM	CHEM	7610	Molecular Structure I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				Theoretical principles of rotational, vibrational, and electronic spectra of diatomic and polyatomic molecules.									
A&S	CHEM	CHEM	7750	Theoretical Inorganic Chemistry	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Theoretical principles underlying physical and chemical behavior of inorganic substances.									
A&S	CHEM	CHEM	7760	Chemistry of the Representative Elements	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Descriptive chemistry of main group elements.									
A&S	CHEM	CHEM	7770	Chemistry of Transition Elements	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 7750									
				Descriptive chemistry of transition elements and their coordination compounds.									

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A&S	CHEM	CHEM	7780	Chemistry of Heavy Elements	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 7750									
				Descriptive chemistry of lanthanides, actinides, and selected heavy metals.									
A&S	CHEM	CHEM	7900	Special Topics in Inorganic Chemistry	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Lectures in this seminar varies.									
A&S	CHEM	CHEM	7901	Special Topics in Organic Chemistry	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5800									
				Selected topics of current interest.									
A&S	CHEM	CHEM	7950	Special Topics in Physical Chemistry	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				Lectures in this seminar varies.									
A&S	CHEM	CHEM	8900	Special Topics in Chemistry	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	8900	Special Topics in Chemistry	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	CHEM	8915	Advanced Seminar in Research Development and Leadership	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This advanced seminar focuses on building research development and leadership skills necessary for graduate students to succeed as professionals in the broad disciplinary field of Chemistry and Biochemistry. Specific topics vary based on the most recent advances in the field, but always include significant applied experiences requiring both depth and breadth of knowledge in the discipline. These activities are focused to improve graduate student communication skills in their field including interpretation and analysis of research output; development of research hypotheses; leadership in collaborative work; and awareness of relevant experimental results in comparison to peer-reviewed journals.									
A&S	CHEM	CHEM	8950	Doctoral Research and Dissertation	THE	TH	1 to 12	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				Graduate Status									
				CR, PR									
		COURSE DESC:		Research and dissertation as recommended by department.									
A&S	CHEM	CHEM	8960	Inorganic Chemistry Seminar	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				Graduate Status									
				CR, PR									
		COURSE DESC:		Required of inorganic chemistry majors. Selected topics from current literature presented by participating students and staff.									
A&S	CHEM	CHEM	8970	Organic Chemistry Seminar	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				Graduate Status									
				CR, PR									
		COURSE DESC:		Required of organic and biological chemistry majors. Selected topics from current literature presented by participating students and staff.									
A&S	CHEM	CHEM	8980	Physical Chemistry Seminar	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				Graduate Status									
				CR, PR									
		COURSE DESC:		Required of physical chemistry majors. Selected topics from current literature presented by participating students and staff.									
A&S	CHEM	CHEM	8990	Analytical Chemistry Seminar	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				Graduate Status									
				CR, PR									
		COURSE DESC:		Required of analytical chemistry majors. Selected topics from current literature presented by participating students and staff.									

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A&S	CLWR	CLAR	1110	The Wonders of the Ancient Mediterranean	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph									
		COURSE DESC:		Provides a broad overview of the archaeology of the Mediterranean world from the time of the Old Kingdom in Egypt (3rd millennium BC) to the early Byzantine period (6th century AD). Organized around iconic structures from the main cultures and time periods covered. Each site will be used individually as a vehicle for studying broader aspects of the society that produced it. Explores why it is particularly significant and representative of that society. Questions include: Why were lists of "wonders" made in the first place? What was the political significance of creating a "wonder"? What effect did the original Seven Wonders have on the monuments that came later? What effect did the wonders have on the modern imagination and the archaeologists devoted to rediscovering them?									
A&S	CLWR	CLAR	2110	Greek Archaeology	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces Greek society and culture through investigation of its artifacts and the contexts in which they are found. Explores the different approaches to investigating particular kinds of material evidence, and what aspects of Greek culture they reveal. Starting with the Minoans and Mycenaeans, examines the growth of civilization in Bronze Age Greece and its rebirth after the fall of the Mycenaean palaces, to the appearance of city-states, and the rise of Philip of Macedon in the 4th century. Examines how to identify and date different types of material evidence, and be able to show their relevance to the reconstruction of ancient Greek culture as a whole.									
A&S	CLWR	CLAR	2120	Roman Archaeology	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the material remains from the Roman world and of the information they provide about Roman society. Among other things, examines sculpture, painting, coinage, and architecture to learn how Romans at various levels of society used objects, images and built structures to make statements about themselves. Examines how these messages differed from one part of the empire to another. Teaches how to look at and 'read' objects and images. Special emphasis placed on methodologies used to interpret them.									
A&S	CLWR	CLAR	2130	Near Eastern and Egyptian Archaeology	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Traces the development of states in Mesopotamia and Egypt, from the beginning of agriculture to the end of the Bronze Age in 1000 B.C. Explores how these civilizations of the Near East first developed cities, temples and palaces, writing, taxation, and large scale warfare, all which influenced the development of cultures ancestral to our own. Topics include the role of religion in the early states, the rise of the absolute ruler, trade networks, and the growth of the Mesopotamian and Egyptian empires. Focuses in particular on the roles of the ruler in religion, society and economy, and the sources for reconstructing economy and society at the lower levels of society.									
A&S	CLWR	CLAR	2900	Special Topics in Classical Archaeology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLAR	2900	Special Topics in Classical Archaeology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLAR	3610	Greek Cities and Sanctuaries	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		In the eyes of the Greeks, the city and the sanctuary were the two institutions that best defined their culture. Introduces the central role that citizenship, civic institutions, religion and sanctuaries played in the city-states of Ancient Greece by tracing the architectural and social history of Greek cities and sanctuaries over a thousand year period. Focuses on a wide range of cities and sanctuaries, paying special attention to ancient Athens as an innovator in both civic institutions and temple development.									
A&S	CLWR	CLAR	3610	Greek Cities and Sanctuaries	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		In the eyes of the Greeks, the city and the sanctuary were the two institutions that best defined their culture. Introduces the central role that citizenship, civic institutions, religion and sanctuaries played in the city-states of Ancient Greece by tracing the architectural and social history of Greek cities and sanctuaries over a thousand year period. Focuses on a wide range of cities and sanctuaries, paying special attention to ancient Athens as an innovator in both civic institutions and temple development.									
A&S	CLWR	CLAR	3620	The Archaeology of Roman Cities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An archaeological study of Rome and other Roman cities from the 8th century B.C. to the fall of the Roman empire. Particular emphasis is placed on the physical remains as products of and evidence for the changing cultural and political concepts that constantly revised the design and composition of Roman cities.									
A&S	CLWR	CLAR	3630	Aegean Bronze Age Archaeology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		The Aegean civilizations of Mycenaean Greece and Minoan Crete were discovered only since 1870, and were the first to be analyzed and interpreted solely from archaeological remains. Explores the material evidence to trace the development of these complex Bronze Age cultures in the Aegean, while studying the early excavators starting with Schliemann and Evans. Reviews different types of material remains, and the different, often conflicting strategies used to collect and interpret them. Focuses on the development of Aegean civilizations from the appearance of the first agricultural communities in the Neolithic period (6000 B.C.) to the widespread destruction and subsequent economic decline at the end of the Bronze Age (1100 B.C.).									

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A&S	CLWR	CLAR	3630	Aegean Bronze Age Archaeology GEC1: A-F REQUISITE: Soph or Jr or Sr The Aegean civilizations of Mycenaean Greece and Minoan Crete were discovered only since 1870, and were the first to be analyzed and interpreted solely from archaeological remains. Explores the material evidence to trace the development of these complex Bronze Age cultures in the Aegean, while studying the early excavators starting with Schliemann and Evans. Reviews different types of material remains, and the different, often conflicting strategies used to collect and interpret them. Focuses on the development of Aegean civilizations from the appearance of the first agricultural communities in the Neolithic period (6000 B.C.) to the widespread destruction and subsequent economic decline at the end of the Bronze Age (1100 B.C.).	LEC	LE	3	0		N	U30		0
A&S	CLWR	CLAR	3640	Craft and Technology in the Roman World GEC1: A-F REQUISITE: Examines the relationship between the development of technology and political/economic factors that affected changing attitudes and desires of the Roman people in different parts of the Roman Empire. Explores the tools and processes used for making objects, building structures, and supplying water and food to urban masses as well as the organization of labor that makes such accomplishments possible. Various types of modern analysis are discussed to show how advances in technology affect our understanding of the ancient world. Counterpoints made with Classical Greek and Hellenistic cultures since many technologies were borrowed by the Romans. Modern parallels also discussed.	LEC	LE	3	0		N	U30		0
A&S	CLWR	CLAR	3650	Technology in Greek and Roman Society GEC1: A-F REQUISITE: WARNING: Not CLAR 364 Examines technological developments in Graeco-Roman world within a chronological framework so that the advances in technology can be related directly to broader changes in the Mediterranean world from the 7th century BC to the 4th century AD. Examines a variety of different types of technology including coinage, building construction, water management, agricultural/food production, terracotta, glass, metallurgy, shipbuilding, and warfare. Students look at ways in which the societal needs framed technological development at different times and places, as well as ways that new technologies affected the societies in which they occurred. A major goal is to examine the role of technology in the Mediterranean basin as the organization of society moved from the Greek city-state to Hellenistic kingdoms to the Roman Empire.	LEC	LE	3	0	2SS	N	U30		0
A&S	CLWR	CLAR	3660	Archaeology and Art: Contexts and Controversies GEC1: A-F REQUISITE: The course focuses on the archaeological context of selected objects usually described as examples of Greek art. It examines where they were found, what significance they had in the culture that produced them, how they were excavated, how they have been conserved and what ethical issues surround the modern conservation and acquisition of them. Each object has its own story yet also fits into a larger context. Above all, this is a course that emphasizes the importance of establishing clear methodologies and its purpose is to provide students with tools to explore the contexts of objects, ultimately on their own. What questions do they need to ask? To what types of sources can they reliably turn for information? How might they interpret the ethical arguments raised by the excavation and acquisition of some objects? The core material for the course will comprise twenty objects. Chronology will provide the organizational principle for the study of the objects. The focus of each class will be a single object; readings will discuss some aspects of its context and part of the in-class presentation will provide comparative material/objects.	LEC	LE	3	0	2HL	N	U30		0
A&S	CLWR	CLAR	3710	Ancient Rome: Development of the City from the 8th Century B.C. to the 4th Century A.D. GEC1: A-F REQUISITE: CLAR 2120 or 3620 or CLAS 2540 or HIST 3292 Introduces the urban development of ancient Rome through an intensive on-site examination of its monuments and artifacts. Focuses on field work. While Rome is the focus of the course, several days are also spent at Ostia and Pompeii to highlight aspects of Roman life not readily observable in modern Rome.	INT	IN	3	0		N	U30		0
A&S	CLWR	CLAR	4900	Special Topics in Classical Archaeology GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	CLWR	CLAR	4900	Special Topics in Classical Archaeology GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	CLWR	CLAR	4930	Independent Study in Classical Archaeology GEC2: A-F, REQUISITE: CLAR 2110 or 2120 or 2130 PR Independent research in topics of classical archaeology.	IND	IS	1 to 3	6		N	U30		0
A&S	CLWR	CLAS	2110	Greek and Latin Roots in Biomedical Terminology GEC1: A-F REQUISITE: Develops the linguistic skills that improves one's ability to acquire, retain, and comprehend the biomedical terms that derive from Greek and Latin roots. Overview of ancient medicine helps to set the origins of many of these terms in their social and intellectual context. Provides an introduction to basic research tools in biomedical sciences.	LEC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLAS	2110	Greek and Latin Roots in Biomedical Terminology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Develops the linguistic skills that improves one's ability to acquire, retain, and comprehend the biomedical terms that derive from Greek and Latin roots. Overview of ancient medicine helps to set the origins of many of these terms in their social and intellectual context. Provides an introduction to basic research tools in biomedical sciences.									
A&S	CLWR	CLAS	2300	Heroes -- Classical Literature in Translation	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The best-known works of ancient Greco-Roman literature focus on the outstanding individuals whom we conventionally call "heroes". This course introduces significant works of Greco-Roman literature in English translation. It focuses on their impact on Western culture. Readings may be drawn from ancient epic, tragedy, biography, and historiography. No prior knowledge of classical culture or classical languages required.									
A&S	CLWR	CLAS	2310	Human Aspirations Among the Greeks and Romans	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Identifies three of the great dreams or aspirations of the ancient Greeks and Romans--aspirations that lived on in written form and played an important role in shaping the ideals and aspirations of later Western civilization: 1) the political aspiration to create a just society; 2) the philosophical aspiration to "know oneself" and to be a person of virtue whatever the condition of one's society; and 3) the Christian aspiration to live a life of loving service that derives from the Christian understanding of the nature of God. Reading quite a bit of primary source literature in English translation expected. Primary means of presentation will be lecture with short periods of discussion interspersed.									
A&S	CLWR	CLAS	2310	Human Aspirations Among the Greeks and Romans	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Identifies three of the great dreams or aspirations of the ancient Greeks and Romans--aspirations that lived on in written form and played an important role in shaping the ideals and aspirations of later Western civilization: 1) the political aspiration to create a just society; 2) the philosophical aspiration to "know oneself" and to be a person of virtue whatever the condition of one's society; and 3) the Christian aspiration to live a life of loving service that derives from the Christian understanding of the nature of God. Reading quite a bit of primary source literature in English translation expected. Primary means of presentation will be lecture with short periods of discussion interspersed.									
A&S	CLWR	CLAS	2340	Classical Mythology	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to classical mythology; readings and discussions of myths and their interpretations.									
A&S	CLWR	CLAS	2340	Classical Mythology	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to classical mythology; readings and discussions of myths and their interpretations.									
A&S	CLWR	CLAS	2360	Food, Drink and Identity in the Ancient World	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Through myth, literature, religion, art and archaeology, this course investigates different kinds of evidence for the food cultures of the ancient Near East, the Greek world and the Roman Empire. Specific types of food and drink and occasions at which they were shared formed the social and religious ties at the heart of these civilizations, and helped shape modern Western values concerning food production and consumption. Food security, human fertility, sense of community, relation to the gods and proper social order are all themes that reappear in the myths, literature and art of these major civilizations.									
A&S	CLWR	CLAS	2510	Ancient Jerusalem: From Solomon to Suleiman	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Attempts to approach the city of Jerusalem and the complex interaction of political, social, and above all religious realities that continue to define the city. Focuses on Jerusalem as a mythic as well as a historical entity; attempt to disentangle some of the threads that make Jerusalem the rich tapestry of meaning it has become. It does this by a careful reading of textual material from Jewish, Christian, and Islamic sources, as well as of archaeological and art-historical data. Focuses especially on the Temple Mount as a site of religious practice, transformation, myth, and conflict because of the long shadow it casts over the traditional landscape of Jerusalem.									
A&S	CLWR	CLAS	2520	Classical Athens	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on the people of the Greek city of Athens during an extraordinarily creative period of history--the century and a half from 480 B.C to 323 B.C--when the Athenians undertook the world's first democratic experiment. Examines textual sources (literature, philosophy, history, speeches and public documents) and archaeological sources (architecture, sculpture, painting) for the light which they shed on the ancient Athenians' political, intellectual, and artistic problems, concerns, and achievements. Explores how the Athenians dealt with those fundamental questions about life that face all thinking humans in a democracy.									
A&S	CLWR	CLAS	2530	Alexander the Great and the Hellenistic World	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses first on Alexander himself, a man who became a myth even before his death. Next examines the Hellenistic world, the world that Alexander created out of his conquests. Alexander's conquests helped spread Greek civilization over the whole of the eastern Mediterranean. Many of the issues that people living in this world confronted are still relevant today: the nature of celebrity, for Alexander was arguably the first celebrity; the challenges of emigration, of living in a society that was culturally and ethnically diverse, of assimilating a foreign culture, and living under an autocracy.									

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A&S	CLWR	CLAS	2540	Rome Under the Caesars	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Looks at life and thought in ancient Rome from Augustus through Marcus Aurelius (27 B.C.- A.D.180) based on archaeological, historical, and literary sources. Examines across cultural boundaries the issue of what it means to be human. Focuses primarily on the inhabitants of Rome, how they lived and what they thought about fundamental issues such as: How should the demands of the common good be balanced with individual needs and desires? What is the role of religion in society? of education? of art? How does one deal with death? What ultimately make life worth living for an individual in Roman society? Issues then compared with our own attitudes in modern America. Studies the use of political propoganda in society, the rituals of daily life in ancient Rome, and the art and architecture that made up the environment in which these people lived.									
A&S	CLWR	CLAS	2550	Pagan to Christian in Late Antiquity	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Interdisciplinary approach to the dramatic changes that occur in ways of looking at the individual and one's place in the world during the 4th through 6th centuries of our era as paganism is replaced by Christianity as the dominant religious view. Geographical foci are Rome and Constantinople. Sources are textual, artistic, and archaeological.									
A&S	CLWR	CLAS	2700	Comparative Slavery: Ancient and Atlantic	DIS	DI	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		No credit for this course if the following is taken: HIST 2270 This course examines the economic, social, ideological, and political aspects of slave life and slavery in a perspective that compares and contrasts slavery as it was practiced in ancient Rome and in the Atlantic world during the early modern period. The course draws on original source material (in translation) from both periods and secondary scholarship. The course is offered as both CLWR 2700 and HIST 2700.									
A&S	CLWR	CLAS	2700	Comparative Slavery: Ancient and Atlantic	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		No credit for this course if the following is taken: HIST 2270 This course examines the economic, social, ideological, and political aspects of slave life and slavery in a perspective that compares and contrasts slavery as it was practiced in ancient Rome and in the Atlantic world during the early modern period. The course draws on original source material (in translation) from both periods and secondary scholarship. The course is offered as both CLWR 2700 and HIST 2700.									
A&S	CLWR	CLAS	2900	Special Topics in Classics in English	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLAS	2900	Special Topics in Classics in English	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLAS	2970T	Classics HTC Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Individualized tutorial for HTC students only.									
A&S	CLWR	CLAS	2971T	Classics HTC Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Individualized tutorial for HTC students only.									
A&S	CLWR	CLAS	2980T	Classics HTC Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Individualized tutorial for HTC students only.									
A&S	CLWR	CLAS	2981T	Classics HTC Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Individualized tutorial for HTC students only.									
A&S	CLWR	CLAS	3010	Love in Antiquity	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Considers the ways people in the ancient western world experienced and talked about love. Draws upon important literary and philosophical treatments of love in classical texts. Humanist rather than sociological or anthropological: primary focus is not the behaviors and social structures of the Greeks and Romans, but their thinking and ideas.									
A&S	CLWR	CLAS	3010	Love in Antiquity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Considers the ways people in the ancient western world experienced and talked about love. Draws upon important literary and philosophical treatments of love in classical texts. Humanist rather than sociological or anthropological: primary focus is not the behaviors and social structures of the Greeks and Romans, but their thinking and ideas.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLAS	3110	Gods and Heroes in Ancient Epic	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		The tradition of ancient epic poetry is dominated by three great works: the Homeric Iliad and Odyssey and the Aeneid of Vergil; the course focus. A number of other Greek and Roman epics also figure in the course. The works are read from a variety of angles, including myth, religion, history, poetic art and cultural discourse. Such broader concerns as cruelty and forgiveness, violence and humor, choice and consequence, home, family, friendship and personal devotion constitute the humanistic themes of the course.									
A&S	CLWR	CLAS	3120	Greek Tragedy and Comedy	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of Greek tragedy and comedy in English translation: extensive reading from Aeschylus, Sophocles, Euripides and Aristophanes. Study of the historical and cultural setting and the literary aspect of the plays.									
A&S	CLWR	CLAS	3120	Greek Tragedy and Comedy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of Greek tragedy and comedy in English translation: extensive reading from Aeschylus, Sophocles, Euripides and Aristophanes. Study of the historical and cultural setting and the literary aspect of the plays.									
A&S	CLWR	CLAS	3130	Wisdom in Antiquity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the various forms of wisdom and knowledge treated in Greek and Roman literature. These forms of wisdom include practical skill, the liberal arts, scientific and philosophic truth, sophistic worldliness and professional training. Special attention paid to the relation of such knowledge and wisdom to Greek and Roman educational practices and ideals. Figures and texts of special interest include Protagoras, Socrates, Plato, Isocrates, Aristotle, the New Testament, Cicero, Seneca, and Quintilian. Also considered is the relevance of such historians as Herodotus, Thucydides, and Livy.									
A&S	CLWR	CLAS	3140	Indian Epic: Mahabharata and Ramayana	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Students engage India's two great Sanskrit epics, the Mahabharata and the Ramayana. They analyze the epics on two levels: first, as historically situated and ideologically interested texts that reflect the social and political upheavals that occurred in South Asia between 500 BCE and 500 CE, and, second, as part of a living oral and scriptural tradition whose influence extends to contemporary Indian religion, ethics, and national consciousness.									
A&S	CLWR	CLAS	3430	Women in the Ancient Mediterranean	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	WGS 1000 or Soph or Jr or Sr						
		COURSE DESC:		Explores the main sources of information about women in the related Mediterranean cultures of Greece, Rome the Near East and Egypt from 2000 B.C.E. to the 4th century C.E. These cultures are all patriarchal societies with an agricultural base for the economy, where women were seen as inferior to men, and their roles were tied to reproduction and care of the household. Textual evidence consideration includes economic and legal texts, epic, love poetry, drama, religious texts and funerary inscriptions, while the archaeological evidence includes sculpture and paintings. Focuses upon the culturally defined gender biases in the sources, and on feminist methodologies devised to clarify and interpret these biases.									
A&S	CLWR	CLAS	3540	Greek and Roman Religions and Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines how ancient Greek and Roman religion developed over time and how it related to other aspects of ancient society. Interdisciplinary in its approach; students will learn about this topic through primary source readings and discussion.									
A&S	CLWR	CLAS	3720	On-Site Survey of Greek History	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Study abroad program in Greece						
		COURSE DESC:		A survey of Greek history from Mycenaean to modern times, with particular attention to sites on the itinerary of the education abroad program in Greece.									
A&S	CLWR	CLAS	3720	On-Site Survey of Greek History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Study abroad program in Greece						
		COURSE DESC:		A survey of Greek history from Mycenaean to modern times, with particular attention to sites on the itinerary of the education abroad program in Greece.									
A&S	CLWR	CLAS	3800	Colloquium in Classics and World Religions	LEC	LE	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Classics or world religion major or minor						
		COURSE DESC:		PR, F Colloquium with times arranged at convenience of participants. Features: 1) presentations by faculty members on the different disciplines included in the study of Classics and World Religions, 2) presentations by faculty on aspects of their own research, 3) presentations by seniors of their research, and 4) meetings with visiting scholars.									
A&S	CLWR	CLAS	3970T	Classics Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	CLAS 2981T and HTC						
		COURSE DESC:		PR Individualized tutorial for HTC students only.									
A&S	CLWR	CLAS	3980T	Classics Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	CLAS 2970T and HTC						
		COURSE DESC:		PR Individualized tutorial for HTC students only.									

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A&S	CLWR	CLAS	4520	Roman Social History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CLAS 2540 or 2550 or HIST 3292									
				Examination of Roman life from a number of perspectives emphasizing the Roman family, sexual attitudes, slavery, and the economy. Examines ancient evidence from a range of sources: textual, material, and epigraphical. Familiarizes students with important scholarship on Roman social history and the methods of analysis represented in the field.									
A&S	CLWR	CLAS	4900	Special Topics in Classics	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Special topics in Classical literature, civilization and archaeology.									
A&S	CLWR	CLAS	4930	Independent Study in Classical Literature	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				PR									
		COURSE DESC:		Directed individual reading and research.									
A&S	CLWR	CLAS	4930	Independent Study in Classical Literature	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				PR									
		COURSE DESC:		Directed individual reading and research.									
A&S	CLWR	CLAS	4931H	Departmental Honors Thesis	IND	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: (Classical civilization or classical languages major) and Jr only and 3.5 GPA									
				CR, PR									
		COURSE DESC:		For classical civilization and classical languages majors who have been accepted into the Classics and World Religions Honors program to write an Honors thesis.									
A&S	CLWR	CLAS	4931H	Departmental Honors Thesis	IND	IS	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: (Classical civilization or classical languages major) and Jr only and 3.5 GPA									
				CR, PR									
		COURSE DESC:		For classical civilization and classical languages majors who have been accepted into the Classics and World Religions Honors program to write an Honors thesis.									
A&S	CLWR	CLAS	4970T	Classics Tutorial Senior Thesis	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: CLAS 3980T and HTC and Sr									
				CR, PR									
		COURSE DESC:		Senior thesis for HTC students only.									
A&S	CLWR	CLAS	4980T	Classics Tutorial Senior Thesis	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: CLAS 4970T and HTC and Sr									
				PR									
		COURSE DESC:		Senior thesis for HTC students only.									
A&S	CLWR	CLAS	5900	Special Topics in Classics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Special topics in Classical literature, civilization and archaeology.									
A&S	CLWR	CLAS	5900	Special Topics in Classics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Special topics in Classical literature, civilization and archaeology.									
A&S	CLWR	CLAS	5930	Independent Study in Classical Literature	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE:									
				PR									
		COURSE DESC:		Supervised reading on a specific topic in classical literature or civilization.									
A&S	CLWR	CLWR	1810	Introduction to the Study of Religion	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				What is "religion" and how do we study it? The answer may seem obvious but it's not. In this course, we explore religious practices in multiple religious traditions and examine the relationship between religion and a range of other social factors--social class, gender, ethnicity, politics, among others. Along the way, we will also reflect on broader comparative and methodological questions posed by scholars who have studied religion from diverse perspectives (historical, psychological, phenomenological, and sociological).									
A&S	CLWR	CLWR	2210	Difficult Dialogues: Religious Beliefs	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to serious, informed discussion of basic intellectual issues in religious belief. One of two Difficult Dialogues courses offered by the Department of Classics and World Religions to encourage thoughtful and productive discussion of historically contentious topics. Discussions concerning religious beliefs are notoriously difficult. They have often devolved into disputes, which have divided families, sundered friendships, and even fueled wars. Experience in navigating difficult dialogues concerning, we believe, transfer into the more generalized skill of productive discussion concerning virtually any difficult topic. So, this class is concerned specifically with learning to think through difficult religious topics and more generally with learning to think through any difficult and contentious topic.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	2220	Difficult Dialogues: Religion, Gender and Sexuality	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		One of two Difficult Dialogues courses offered to encourage thoughtful and productive discussion of historically contentious topics. Promotes dialogue on conflicts made divisive because of significant differences involving religious beliefs and assumptions about gender and sexuality such as how religious experience is gendered, what scriptures in different traditions say about women, and how religious traditions have changed in the way women and their role in society are viewed. Emphasizes the search for understanding of others whose beliefs are rooted in different religious or secular humanist traditions. Students are asked to engage in disciplined, self-critical thinking. Draws on methods and content from intellectual and religious history, the philosophy of religions, and contemporary religious dialogue.									
A&S	CLWR	CLWR	2230	What is Evil?	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students will explore the question ¿What is evil?¿ from the perspectives of the major World Religions¿Judaism, Christianity, Islam, Hinduism and Buddhism. In addition they will explore how evil was conceptualized in core texts of Classical Greece and Ancient Rome. The course begins with a brief introduction to psychological and sociological research which attempts to answer the question ¿Why do good people do evil things?¿ It concludes with a short consideration of representations of evil in popular culture and influential texts written in response to the Holocaust.									
A&S	CLWR	CLWR	2300	The Global Occult: Ghosts, Demonology, and the Paranormal in World Religions	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		What does it mean to believe in ghosts? How do people who cast hexes, perform a Black Mass, or hold séances understand their actions and experiences? Designed to address these kinds of questions, this course is a survey, from the perspective of religious studies, of beliefs about ghosts, demons, and supernatural phenomena throughout history and around the world. In their readings, films, and lectures, students will look at ghost traditions from North India, Hawaii, and Europe; exorcism in the U.S., Sri Lanka, and Tibet; demonology in Buddhism, Hinduism, and Zoroastrianism; and witchcraft in England, Italy, and Niger. They will also examine the scientific claims of parapsychology, the practice of necromancy, and accounts of people who report being attacked by evil spirits in their sleep.									
A&S	CLWR	CLWR	2900	Special Topics in Classics and World Religions	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLWR	2900	Special Topics in Classics and World Religions	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	CLWR	3310	Old Testament	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the writings of the Hebrew Bible (Christian Old Testament), their relationship to the history and culture in which they were produced, and their relevance to more recent issues in modern religious discourse. Covers a range of topics, including divine encounters, worship practices, sacred space, political religion, archaeology, ethics, gender, and memory. Applies several modern approaches as well as survey at various points the 'afterlife' of the Hebrew scriptural traditions in Judaism, Christianity, and Islam.									
A&S	CLWR	CLWR	3320	New Testament	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Surveys the writings of the New Testament in their historical, political, social, and religious context of the Jewish and Greco-Roman worlds in the first century. Discussions to gain familiarity with questions of authorship, genre, historical setting, historical accuracy, use of the Hebrew Bible/Old Testament, etc. Explores modern academic approaches to the New Testament and its relation to such issues as gender, ethics, identity, the body, politics, ritual, and sacred space, among others. While the course does not adopt a faith-based perspective on the New Testament, we will note the importance of selected texts to modern religious communities.									
A&S	CLWR	CLWR	3330	Introduction to Islam	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces Islam as a religious and cultural system. Topics include pre-Islamic Arabia, the Prophet Muhammad and the first Muslims, the Qur'an and shari'a, basic ritual practices, mysticism, theology and philosophy, Shi'ism, the visual and musical arts, women, modernism, fundamentalism, and Islam in the USA. Draws on historical, sociological, anthropological, and literary-critical approaches and utilizes a range of primary and secondary material to examine the development of Islamic religious practices and ideals as they interact with larger social and cultural processes. While we will be concerned to understand how practitioners of Islam interpret their beliefs and actions, we will also place 'insider' perspectives in a broader social and historical context. Religion is a segment of culture, and thus we undertake our inquiry into Islam in the spirit of the Quranic injunction that 'humanity consider from what it is created'.									
A&S	CLWR	CLWR	3340	Hinduism	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	3350	Buddhism ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: Introduces Buddhist doctrines, practices and institutions. Focuses on the spread and development of Buddhism across Asia and beyond, with an eye toward examining how foundational Buddhist ideas and practices have taken shape in specific places and in particular historical contexts. Selectively surveys the foundational teachings, history and diversity of Buddhism, from the lifetime of the Buddha in fifth century BCE India to contemporary Buddhist communities in Southeast Asia, East Asia, and North America. Along the way, considers some important questions raised and addressed in the critical study of religion.									
A&S	CLWR	CLWR	3360	Theories of Religion ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Jr or Sr Surveys the main theoretical orientations that have guided the study of religions within the Humanities and Social Sciences as these fields have developed since the 18th century within the academic institutions of Europe and the United States. Begins with early Enlightenment thinkers who were responding to the wars of religion and the rise of rationalism and empiricism. Continues with 19th and early 20th century scholars who confronted the impact of industrialization, nation-state formation, bureaucratization, technologization, and most of all, the colonization of entire societies and cultures beyond Europe. To listen in on discussions about religion among U.S. and European thinkers during these three centuries is to become privy to the struggles of North Atlantic societies with 'the disenchantment of the world,' that is, the loss of faith in a transcendent purpose connected to a larger divine will. After surveying the classical theories, examines the impact of decolonization on the inherited Enlightenment assumptions concerning religion. Discussion today has raised substantial doubts that the category of 'religion' is of any real empirical or analytical use. Instead, many theorists argue that the inherited conceptions of 'religion' are nothing more than a mask that obscures and justifies Western domination. Other theorists, however, have argued the 'religion' concept is still useful if corrected for its biases. Explores this debate and tries to arrive at one's own conclusions about whether the religion concept is still helpful									
A&S	CLWR	CLWR	3450	Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examination of asceticism--the rejection of physical pleasure and material wealth--as philosophical and religious ideal in pagan and Christian communities in the world. Focus is on reading ancient texts in translation.									
A&S	CLWR	CLWR	3450	Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examination of asceticism--the rejection of physical pleasure and material wealth--as philosophical and religious ideal in pagan and Christian communities in the world. Focus is on reading ancient texts in translation.									
A&S	CLWR	CLWR	3460	Religion and Violence ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines religious violence by studying historical case studies from different religious traditions. Themes include divine punishments against humans, martyrdom, forced conversions, persecutions, holy wars, and the importance of religion in contemporary conflicts.									
A&S	CLWR	CLWR	3470	Gandhi and the Gita: The Religious Roots of Nonviolent Resistance in Colonial India ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: How can a book that seeks to justify extreme violence inspire a man whose name is synonymous with peaceful protest? To answer this question, we will examine the life and thought of M. K. Gandhi through the lens of religion, focusing on the text that served as one of his chief inspirations, the Bhagavad Gita. The Gita is an ancient philosophical poem in which the god Krishna convinces the reluctant warrior Arjuna to initiate a war that will annihilate most of the human race. But to Gandhi, this text was the blueprint for the most successful nonviolent resistance movement in history, the campaign to free India from British control. By reading the Gita and works by and about Gandhi, students will examine the confluence of religion and politics that gave rise to Gandhi and to modern India.									
A&S	CLWR	CLWR	3480	The History of Yoga: From Ancient Discipline to Modern Movement ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: Jr or Sr This course traces the history of yoga from ancient texts like the Yoga Sutra to modern practices developed by innovators like Bikram and Iyengar. The course also examines the forms yoga has taken in contemporary western society and the varied responses its popularity has inspired. Along with readings, lectures, films, and discussions, the coursework includes the actual practice of different styles of yoga led by a certified instructor.									
A&S	CLWR	CLWR	3610	American Religions ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Covers the history of religion in America. Examines the Puritan heritage, the rise of religious revival movements, the invention of new religious traditions (Mormonism), and considers the role of religion in America in the present.									
A&S	CLWR	CLWR	3850J	Writing on Religion ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	1J	N	U30		0
				GEC1: A-F REQUISITE: Jr or Sr Introduction to primary and secondary sources in the study of religious texts and practices, with the aim of producing and critiquing varying styles of writing about religious phenomena. Focuses on the process of researching and writing, analyzing sources, compiling bibliography, organizing evidence and composing and editing several drafts of each project.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	4330	Political Islam	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CLWR 3330 or HIST 3371									
				Some Muslims have turned to religion as a source for political identity in the modern world. How should we describe this phenomenon? Which groups have embraced the religio-political renewal? Why have they done so? What forms have the movements taken? How have they developed? What role, in particular, have modernizing states played in the instrumentalizing of Islamic institutions for purposes of control and legitimacy? How have non-state actors--the `ulama', lay activists, social movements--responded to the conditions created by modernizing states? Addresses these questions by exploring a range of case studies in different national/cultural context--Africa (Morocco, Sudan, Somalia), Southeast Asia (Indonesia), Western Europe (France, Germany, the Netherlands), and North America (US and Canada). Through these case studies, probes what we mean by 'political Islam'--but also the politics of Islam, and what the implications are for a wider globalized modernity.									
A&S	CLWR	CLWR	4340	Sufism-Mysticism and Asceticism in Islam	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				This course introduces the 'mystical' dimension of Islam, known as Sufism. It begins by probing key terms such as 'Sufism,' 'asceticism,' and 'mysticism.' Then it traces the emergence of Sufism during the formative period of the Islamic political and religious systems. The bulk of the course explores modern Sufi movements from South/Southeast Asia and Central Asia to Africa, the Middle East, Europe, and the United States.									
A&S	CLWR	CLWR	4350	Women in Buddhist Traditions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CLWR 3350									
				Explores women and Buddhism during different historical periods and in different cultures. Through a variety of sources, illuminates Buddhist concepts of gender and sexuality, views of women's spiritual capacities, the diversity of women's images, roles, experiences, concerns, and contributions in Buddhist societies, and scholarly approaches to women in Buddhism. Special attention given to how gender is constructed in each cultural and religious context encountered, with particular emphasis on Buddhist women in Southeast Asia. Explores reasons why texts on religion have not always included the voices of women, and investigates ways to uncover them through research techniques and alternative hermeneutical strategies.									
A&S	CLWR	CLWR	4410	Contemporary Religious Thought	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Since the end of World War II new movements have arisen in every major religious tradition. This resurgence of religion as a political and social force responds to a widespread and profound concern at the failure of modernity and secular nationalism to bring prosperity and provide meaning for life. Looks at the New Age Movements and Liberation Theology in the 1960s, movements generally called fundamentalist that arose in the 1970s, and militant movements that justify the use of violence that have emerged in the last two decades. Research paper on a major thinker or contemporary movement in one of the great world religious traditions--Hinduism, Buddhism, Judaism, Christianity, and Islam required.									
A&S	CLWR	CLWR	4420	Religious Experience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Examines writings on religious experience beginning with William James, The Varieties of Religious Experience. Psychological and theological accounts of individual religious experience are compared. Students write a research paper.									
A&S	CLWR	CLWR	4430	Women and Religion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines images and roles of women in major world religious traditions. We will study religious ideology and its role in shaping social life, the many ways in which women exercise authority in religious traditions, the ways in which women have been innovative in those traditions, and the ways in which women have reinterpreted and re-appropriated patriarchal texts and structures. Students will apply the insights gained in this examination to a project of their own choosing, which should result in a research paper. Students will also have opportunities to increase their understanding of their own religious choices and of religious phenomena more generally.									
A&S	CLWR	CLWR	4440	Taoism and Confucianism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Historical survey of the philosophical and religious tenets of Taoism and the writings of Confucius, and their social and intellectual impact.									
A&S	CLWR	CLWR	4710	African Religions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Surveys the broad array of religious systems and practices that have emerged historically in the African continent. Topics range from Vodun to Zar, Pentecostalism to Islam, as well as practices specific to particular ethnic groups.									
A&S	CLWR	CLWR	4810	Myth, Ritual, and Symbolism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Explores how people use myths, rituals, and symbols to create, conserve, and contest cultural systems of all sorts. Examples are drawn from diverse religious traditions as well as from art, politics, literature, and the media.									
A&S	CLWR	CLWR	4820	Thinking About Death: Belief and Practice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Survey of belief systems regarding death rituals, burial practices and the intersection of the dead and the living, through textual and archaeological evidence.									
A&S	CLWR	CLWR	4900	Special Topics in World Religions	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Special topics in aspects of world religions.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	4900	Special Topics in World Religions	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special topics in aspects of world religions.									
A&S	CLWR	CLWR	4930	Independent Study	IND	IS	1 to 3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		Permission required and one course in CLWR PR Directed individual reading and research for students who wish to study an area of world religions not covered by a regular course.									
A&S	CLWR	CLWR	4931H	Departmental Honors Thesis	IND	IS	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		CLWR major and Jr only and 3.5 GPA PR For world religion majors who have been accepted into the Classics and World Religions Honors program to write an honors thesis.									
A&S	CLWR	CLWR	5330	Islam	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Introduces Islam as a religious and cultural system. Topics include pre-Islamic Arabia, the Prophet Muhammad and the first Muslims, the Qur'an and shari'a, basic ritual practices, mysticism, theology and philosophy, Shi'ism, the visual and musical arts, women, modernism, fundamentalism, and Islam in the USA. Draws on historical, sociological, anthropological, and literary-critical approaches and utilizes a range of primary and secondary material to examine the development of Islamic religious practices and ideals as they interact with larger social and cultural processes. While we will be concerned to understand how practitioners of Islam interpret their beliefs and actions, we will also place 'insider' perspectives in a broader social and historical context. Religion is a segment of culture, and thus we undertake our inquiry into Islam in the spirit of the Quranic injunction that 'humanity consider from what it is created'.									
A&S	CLWR	CLWR	5330	Islam	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Introduces Islam as a religious and cultural system. Topics include pre-Islamic Arabia, the Prophet Muhammad and the first Muslims, the Qur'an and shari'a, basic ritual practices, mysticism, theology and philosophy, Shi'ism, the visual and musical arts, women, modernism, fundamentalism, and Islam in the USA. Draws on historical, sociological, anthropological, and literary-critical approaches and utilizes a range of primary and secondary material to examine the development of Islamic religious practices and ideals as they interact with larger social and cultural processes. While we will be concerned to understand how practitioners of Islam interpret their beliefs and actions, we will also place 'insider' perspectives in a broader social and historical context. Religion is a segment of culture, and thus we undertake our inquiry into Islam in the spirit of the Quranic injunction that 'humanity consider from what it is created'.									
A&S	CLWR	CLWR	5340	Hinduism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence. Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Graduate students write a research paper on a topic of their choosing with approval from the professor.									
A&S	CLWR	CLWR	5350	Buddhism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Introduces Buddhist doctrines, practices and institutions. Focuses on the spread and development of Buddhism across Asia and beyond, with an eye toward examining how foundational Buddhist ideas and practices have taken shape in specific places and in particular historical contexts. Selectively surveys the foundational teachings, history and diversity of Buddhism, from the lifetime of the Buddha in fifth century BCE India to contemporary Buddhist communities in Southeast Asia, East Asia, and North America. Along the way, considers some important questions raised and addressed in the critical study of religion.									
A&S	CLWR	CLWR	5410	Contemporary Religious Thought	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Since the end of World War II new movements have arisen in every major religious tradition. This resurgence of religion as a political and social force responds to a widespread and profound concern at the failure of modernity and secular nationalism to bring prosperity and provide meaning for life. Looks at the New Age Movements and Liberation Theology in the 1960s, movements generally called fundamentalist that arose in the 1970s, and militant movements that justify the use of violence that have emerged in the last two decades. Research paper on a major thinker or contemporary movement in one of the great world religious traditions--Hinduism, Buddhism, Judaism, Christianity, and Islam required.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	5410	Contemporary Religious Thought	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Since the end of World War II new movements have arisen in every major religious tradition. This resurgence of religion as a political and social force responds to a widespread and profound concern at the failure of modernity and secular nationalism to bring prosperity and provide meaning for life. Looks at the New Age Movements and Liberation Theology in the 1960s, movements generally called fundamentalist that arose in the 1970s, and militant movements that justify the use of violence that have emerged in the last two decades. Research paper on a major thinker or contemporary movement in one of the great world religious traditions--Hinduism, Buddhism, Judaism, Christianity, and Islam required.									
A&S	CLWR	CLWR	5420	Political Islam	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: CLWR 5330 or HIST 5371									
		COURSE DESC:		PR Some Muslims have turned to religion as a source for political identity in the modern world. How should we describe this phenomenon? Which groups have embraced the religio-political renewal? Why have they done so? What forms have the movements taken? How have they developed? What role, in particular, have modernizing states played in the instrumentalizing of Islamic institutions for purposes of control and legitimacy? How have non-state actors--the 'ulama', lay activists, social movements--responded to the conditions created by modernizing states? Addresses these questions by exploring a range of case studies in different national/cultural context--Africa (Morocco, Sudan, Somalia), Southeast Asia (Indonesia), Western Europe (France, Germany, the Netherlands), and North America (US and Canada). Through these case studies, probes what we mean by 'political Islam'--but also the politics of Islam, and what the implications are for a wider globalized modernity.									
A&S	CLWR	CLWR	5430	Sufism-Mysticism and Asceticism in Islam	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		PR Introduces the 'mystical' dimension of Islam, known as Sufism. Begins by probing key terms such as 'Sufism,' 'asceticism,' and 'mysticism.' Then traces the emergence of Sufism during the formative period of the Islamic political and religious systems. Bulk of course explores contemporary manifestations of Sufism in diverse locations ranging from South/Southeast Asia and Central Asia to Africa, the Middle East, Europe, and the United States.									
A&S	CLWR	CLWR	5440	Taoism and Confucianism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Historical survey of the philosophical and religious tenets of Taoism and the writings of Confucius, and their social and intellectual impact.									
A&S	CLWR	CLWR	5450	Women in Buddhist Traditions	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Explores women and Buddhism during different historical periods and in different cultures. Through a variety of sources, illuminates Buddhist concepts of gender and sexuality, views of women's spiritual capacities, the diversity of women's images, roles, experiences, concerns, and contributions in Buddhist societies, and scholarly approaches to women in Buddhism. Special attention given to how gender is constructed in each cultural and religious context encountered, with particular emphasis on Buddhist women in Southeast Asia. Explores reasons why texts on religion have not always included the voices of women, and investigates ways to uncover them through research techniques and alternative hermeneutical strategies.									
A&S	CLWR	CLWR	5710	African Religions	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys the broad array of religious systems and practices that have emerged historically in the African continent. Topics range from Vodun to Zar, Pentecostalism to Islam, as well as practices specific to particular ethnic groups.									
A&S	CLWR	CLWR	5810	Myth, Ritual and Symbolism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Exploration of symbolic thought and the function of myth in contemporary societies. Three case studies are treated comparatively. Research paper required.									
A&S	CLWR	CLWR	5820	Thinking About Death: Belief and Practice	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Survey of belief systems regarding death rituals, burial practices and the intersection of the dead and the living, through textual and archaeological evidence.									
A&S	CLWR	CLWR	5820	Thinking About Death: Belief and Practice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Survey of belief systems regarding death rituals, burial practices and the intersection of the dead and the living, through textual and archaeological evidence.									
A&S	CLWR	CLWR	5900	Special Topics in World Religions	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special topics in aspects of world religions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLWR	5900	Special Topics in World Religions	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special topics in aspects of world religions.									
A&S	CLWR	CLWR	5930	Independent Study	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Intensive individual reading, research, and written analysis on topics selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	CLWR	5930	Independent Study	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Intensive individual reading, research, and written analysis on topics selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	GK	1110	Beginning Greek I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.									
A&S	CLWR	GK	1120	Beginning Greek II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 1110									
		COURSE DESC:		Introduction to reading classical Greek, continued. Conclusion of study of elementary grammar and reading classical texts that are increasingly complex and less adapted. At completion, ready to begin reading Homer, Plato, the New Testament, or other Greek classics.									
A&S	CLWR	GK	2110	Intermediate Greek I	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 1120									
		COURSE DESC:		Study of intermediate-level ancient texts, typically drawn from Homer and Plato.									
A&S	CLWR	GK	2120	Intermediate Greek II	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2110									
		COURSE DESC:		Study of intermediate-level ancient texts, typically drawn from Homer and Plato.									
A&S	CLWR	GK	2710	Demotic Greek I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning demotic (modern) Greek.									
A&S	CLWR	GK	2710	Demotic Greek I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning demotic (modern) Greek.									
A&S	CLWR	GK	2720	Demotic Greek II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2710									
		COURSE DESC:		Continuation of demotic (modern) Greek.									
A&S	CLWR	GK	2720	Demotic Greek II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2710									
		COURSE DESC:		Continuation of demotic (modern) Greek.									
A&S	CLWR	GK	2900	Special Topics in Greek	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	GK	2900	Special Topics in Greek	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	GK	3110	Archaic Greek Poetry	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2120									
		COURSE DESC:		Readings in Greek epic and didactic poetry (Homer, Hesiod) and the lyric poets (Sappho, Archilochus, Anacreon, etc). Emphasis on poetic form and poet's social function.									
A&S	CLWR	GK	3110	Archaic Greek Poetry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2120									
		COURSE DESC:		Readings in Greek epic and didactic poetry (Homer, Hesiod) and the lyric poets (Sappho, Archilochus, Anacreon, etc). Emphasis on poetic form and poet's social function.									

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A&S	CLWR	GK	3120	Greek Drama ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Reading of one or two complete Attic plays, by Aeschylus, Sophocles, Euripides, Aristophanes and/or Menander. Emphasis on the cultural and social place of tragedy and comedy in the Athenian democracy. Secondary readings.	LEC	EL	3	0		N	U30		0
A&S	CLWR	GK	3120	Greek Drama ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Reading of one or two complete Attic plays, by Aeschylus, Sophocles, Euripides, Aristophanes and/or Menander. Emphasis on the cultural and social place of tragedy and comedy in the Athenian democracy. Secondary readings.	LEC	LE	3	0		N	U30		0
A&S	CLWR	GK	3130	Greek Sophists and Philosophers ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Readings in Greek chiefly from Plato and the Sophists. Emphasis on the role of the authors on cultural, social, and educational transformations of the 5th century B.C.E.	LEC	LE	3	0		N	U30		0
A&S	CLWR	GK	3140	Greek Historians ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Readings in Greek chiefly from Herodotus and Thucydides. Comparative study of the subjects, aims, and methods of historical inquiry in the 5th century B.C.E.	LEC	LE	3	0		N	U30		0
A&S	CLWR	GK	3160	The Greek New Testament and the Milieu of Early Christianity ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Readings in Greek from the New Testament, the early Greek fathers, and/or non-Christian writers of interest for the study of early Christianity.	LEC	LE	3	0		N	U30		0
A&S	CLWR	GK	4900	Special Topics in Greek Literature ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Special topics in Greek literature, authors and genres.	LEC	EL	3	6		N	U30		0
A&S	CLWR	GK	4900	Special Topics in Greek Literature ELIGIBLE GRADES: GEC1: A-F REQUISITE: GK 2120 COURSE DESC: Special topics in Greek literature, authors and genres.	LEC	LE	3	6		N	U30		0
A&S	CLWR	GK	4930	Independent Study in Greek ELIGIBLE GRADES: GEC2: A-F, REQUISITE: GK 2120 or 3 years Greek PR COURSE DESC: Independent or guided study in topics of Greek literature	IND	IS	1 to 3	6		N	U30		0
A&S	CLWR	GK	5010	Beginning Greek I ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.	LEC	EL	4	0		N	G40		0
A&S	CLWR	GK	5010	Beginning Greek I ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.	LEC	LE	4	0		N	G40		0
A&S	CLWR	GK	5020	Beginning Greek II ELIGIBLE GRADES: GEC4: A-F, REQUISITE: GK 5010 CR, PR COURSE DESC: Introduction to reading classical Greek, continued. Conclusion of study of elementary grammar and reading classical texts that are increasingly complex and less adapted. At completion, ready to begin reading Homer, Plato, the New Testament, or other Greek classics.	LEC	EL	4	0		N	G40		0
A&S	CLWR	GK	5020	Beginning Greek II ELIGIBLE GRADES: GEC4: A-F, REQUISITE: GK 5010 CR, PR COURSE DESC: Introduction to reading classical Greek, continued. Conclusion of study of elementary grammar and reading classical texts that are increasingly complex and less adapted. At completion, ready to begin reading Homer, Plato, the New Testament, or other Greek classics.	LEC	LE	4	0		N	G40		0
A&S	CLWR	GK	5110	Intermediate Greek I ELIGIBLE GRADES: GEC4: A-F, REQUISITE: GK 5020 CR, PR COURSE DESC: Study of short readings from ancient authors. Examples include the Platonic myths of creation (Protagoras) and of sexuality (Symposium).	LEC	LE	4	0		N	G40		0
A&S	CLWR	GK	5120	Intermediate Greek II ELIGIBLE GRADES: GEC4: A-F, REQUISITE: GK 5110 CR, PR COURSE DESC: Study of intermediate-level ancient texts, typically drawn from Homer and Plato.	LEC	EL	4	0		N	G40		0

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A&S	CLWR	GK	5120	Intermediate Greek II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5110 CR, PR									
		COURSE DESC:		Study of intermediate-level ancient texts, typically drawn from Homer and Plato.									
A&S	CLWR	GK	5210	Archaic Greek Poetry	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek epic and didactic poetry (Homer, Hesiod) and the lyric poets (Sappho, Archilochus, Anacreon, etc). Emphasis on poetic form and poet's social function.									
A&S	CLWR	GK	5210	Archaic Greek Poetry	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek epic and didactic poetry (Homer, Hesiod) and the lyric poets (Sappho, Archilochus, Anacreon, etc). Emphasis on poetic form and poet's social function.									
A&S	CLWR	GK	5220	Greek Drama	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Reading of one or two complete Attic plays, by Aeschylus, Sophocles, Euripides, Aristophanes and/or Menander. Emphasis on the cultural and social place of tragedy and comedy in the Athenian democracy. Secondary readings.									
A&S	CLWR	GK	5220	Greek Drama	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Reading of one or two complete Attic plays, by Aeschylus, Sophocles, Euripides, Aristophanes and/or Menander. Emphasis on the cultural and social place of tragedy and comedy in the Athenian democracy. Secondary readings.									
A&S	CLWR	GK	5230	Greek Sophists and Philosophers	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek chiefly from Plato and the Sophists. Emphasis on the role of the authors on cultural, social, and educational transformations of the 5th century BCE.									
A&S	CLWR	GK	5230	Greek Sophists and Philosophers	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek chiefly from Plato and the Sophists. Emphasis on the role of the authors on cultural, social, and educational transformations of the 5th century BCE.									
A&S	CLWR	GK	5240	Greek Historians	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in chiefly Greek from Herodotus and Thucydides. Comparative study of the subjects, aims, and methods of historical inquiry in the 5th century BCE.									
A&S	CLWR	GK	5240	Greek Historians	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in chiefly Greek from Herodotus and Thucydides. Comparative study of the subjects, aims, and methods of historical inquiry in the 5th century BCE.									
A&S	CLWR	GK	5260	The Greek New Testament and the Milieu of Early Christianity	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek from the New Testament, the early Greek fathers, and/or non-Christian writers of interest for the study of early Christianity.									
A&S	CLWR	GK	5260	The Greek New Testament and the Milieu of Early Christianity	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5120 CR, PR									
		COURSE DESC:		Readings in Greek from the New Testament, the early Greek fathers, and/or non-Christian writers of interest for the study of early Christianity.									
A&S	CLWR	GK	5710	Demotic Greek I	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning demotic (modern) Greek.									
A&S	CLWR	GK	5710	Demotic Greek I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning demotic (modern) Greek.									

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A&S	CLWR	GK	5720	Demotic Greek II	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 5710									
		COURSE DESC:		Continuation of demotic (modern) Greek.									
A&S	CLWR	GK	5720	Demotic Greek II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 5710									
		COURSE DESC:		Continuation of demotic (modern) Greek.									
A&S	CLWR	GK	5900	Special Topics in Greek Literature	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special topics in Greek literature, authors and genres.									
A&S	CLWR	GK	5900	Special Topics in Greek Literature	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special topics in Greek literature, authors and genres.									
A&S	CLWR	GK	5930	Independent Study in Greek	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Independent or guided study in topics in Greek literature.									
A&S	CLWR	LAT	1110	Beginning Latin I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		First of a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors.									
A&S	CLWR	LAT	1120	Beginning Latin II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 1110									
		COURSE DESC:		Second in a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors.									
A&S	CLWR	LAT	2110	Intermediate Latin I	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 1120 or 2-3 years H S Latin									
		COURSE DESC:		Continues emphasis on reading skills developed in first year. Reading numerous prose excerpts from a variety of authors; content primarily concerns Roman history, as well as some poetry.									
A&S	CLWR	LAT	2120	Intermediate Latin II	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 2110									
		COURSE DESC:		Continues emphasis on reading skills developed in Latin 2110. Reading excerpts from a variety of authors with an emphasis on Roman poetry.									
A&S	CLWR	LAT	2900	Special Topics in Latin	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	LAT	2900	Special Topics in Latin	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	CLWR	LAT	3110	Latin Prose and Poetry I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 2120 or 4 years H S Latin									
		COURSE DESC:		Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines a variety of recent scholarly approaches to Roman literature. Course work may include translation and essay exams, oral reports, and individualized research projects. These courses are typically taught through web conferencing.									
A&S	CLWR	LAT	3110	Latin Prose and Poetry I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 2120 or 4 years H S Latin									
		COURSE DESC:		Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines a variety of recent scholarly approaches to Roman literature. Course work may include translation and essay exams, oral reports, and individualized research projects. These courses are typically taught through web conferencing.									
A&S	CLWR	LAT	3120	Latin Prose and Poetry II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 2120 or 4 years H S Latin									
		COURSE DESC:		Continuation of LAT 3110. Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines a variety of recent scholarly approaches to Roman literature. Course work may include translation and essay exams, oral reports, and individualized research projects. These courses are typically taught through web conferencing.									

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A&S	CLWR	LAT	4110	Advanced Latin Literature I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 3110 or 3120									
		COURSE DESC:		Continuation of LAT 3120. Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines a variety of recent scholarly approaches to Roman literature. Course work may include translation and essay exams, oral reports, and individualized research projects. These courses are typically taught through web conferencing.									
A&S	CLWR	LAT	4120	Advanced Latin Literature II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 3110 or 3120 or 4110									
		COURSE DESC:		Continuation of LAT 4110. Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines a variety of recent scholarly approaches to Roman literature. Course work may include translation and essay exams, oral reports, and individualized research projects. These courses are typically taught through web conferencing.									
A&S	CLWR	LAT	4900	Special Topics in Latin Literature	LEC	LE	3	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 2120									
		COURSE DESC:		Special topics in Latin literature, authors and genres.									
A&S	CLWR	LAT	4930	Independent Study in Latin	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: LAT 2120 or 4 years H S Latin									
		COURSE DESC:		PR Intensive individual reading, research, and written analysis on topics in Latin literature selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	LAT	4930	Independent Study in Latin	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: LAT 2120 or 4 years H S Latin									
		COURSE DESC:		PR Intensive individual reading, research, and written analysis on topics in Latin literature selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	LAT	5010	Beginning Latin I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR First of a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors. (Credit does not count toward degree.)									
A&S	CLWR	LAT	5020	Beginning Latin II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5010									
		COURSE DESC:		CR, PR Second in a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors. (Credit does not count toward degree.)									
A&S	CLWR	LAT	5110	Studies in Latin Literature of the Republic I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5020 or 4 courses undergraduate Latin									
		COURSE DESC:		CR, PR Extensive reading or study of special topics in period.									
A&S	CLWR	LAT	5120	Studies in Latin Literature of the Republic II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5110									
		COURSE DESC:		CR, PR Continuation of 5110. Extensive reading or study of special topics in period.									
A&S	CLWR	LAT	5210	Studies in Latin Literature of the Early Empire I	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120									
		COURSE DESC:		CR, PR Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	LAT	5210	Studies in Latin Literature of the Early Empire I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120									
		COURSE DESC:		CR, PR Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. work. Translation and essay exams, oral reports, and individualized research projects.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	LAT	5220	Studies in Latin Literature of the Early Empire II	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: LAT 5120 CR, PR COURSE DESC: Continuation of 5210. Extensive reading of selected authors and/or study of special topics in period.									
A&S	CLWR	LAT	5310	Graduate Readings in Latin Literature I	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: LAT 5120 CR, PR COURSE DESC: Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	LAT	5320	Graduate Readings in Latin Literature II	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: LAT 5120 CR, PR COURSE DESC: Continuation of 5310. Advanced study of one or two classical Roman authors. Emphasis on rigorous textual analysis, research and scholarly approaches.									
A&S	CLWR	LAT	5320	Graduate Readings in Latin Literature II	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: LAT 5120 CR, PR COURSE DESC: Continuation of 5310. Advanced study of one or two classical Roman authors. Emphasis on rigorous textual analysis, research and scholarly approaches.									
A&S	CLWR	LAT	5900	Special Topics in Latin Literature	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Special topics in Latin literature, authors and genres.									
A&S	CLWR	LAT	5900	Special Topics in Latin Literature	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Special topics in Latin literature, authors and genres.									
A&S	CLWR	LAT	5930	Independent Study in Latin	IND	IS	1 to 4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Intensive individual reading, research, and written analysis on topics in Latin literature selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	T3	4040	Reconstructing Roman Slavery	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: 8 Hours in (AAS or ANTH or CLAS or HIST) and Sr only COURSE DESC: What was it like to be a slave in the Roman world? No first hand account describing slavery which was written by a slave has survived. To understand what a slave's life was like we are forced to reconstruct slavery from the materials that do survive. These include: descriptions of slavery and slaves by the slave owners; literature which features characters who are slaves; archaeological remains which illustrate the conditions of slavery. An important concern will be the special demands made in the reading and interpretation of texts that are over two-thousand years old. Finally, the experience of African-American slaves in the 18th and 19th centuries, a period more richly documented than the Roman, helps us to imagine much more about the Roman institution than what we could infer from the ancient sources alone.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	1000	Survey of Economics	LEC	EL	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in MATH D004 or D005) or (C or better in Math 1200) or (Math Placement Level 1 or higher) Warning: no credit for this course if taken after the following: ECON 1030 or 1040 or 3030 or 3040 or 3050							
		COURSE DESC:		A survey of economics class that covers both microeconomics and macroeconomics. Intended for students who seek to fulfill the Tier II Social Science requirement and do not intend to take any other economics course. Students study an overview of important economic topics, from microeconomics and macroeconomics, using online course materials and assignments.									
A&S	ECON	ECON	1000	Survey of Economics	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in MATH D004 or D005) or (C or better in Math 1200) or (Math Placement Level 1 or higher) Warning: no credit for this course if taken after the following: ECON 1030 or 1040 or 3030 or 3040 or 3050							
		COURSE DESC:		A survey of economics class that covers both microeconomics and macroeconomics. Intended for students who seek to fulfill the Tier II Social Science requirement and do not intend to take any other economics course. Students study an overview of important economic topics, from microeconomics and macroeconomics, using online course materials and assignments.									
A&S	ECON	ECON	1030	Principles of Microeconomics	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level 2 or higher or C or better in MATH 1200							
		COURSE DESC:		Basic theory and economic analysis of prices, markets, production, wages, interest, rent, and profits. Analysis of how the capitalistic system determines what, how, and for whom to produce.									
A&S	ECON	ECON	1040	Principles of Macroeconomics	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level 2 or higher or C or better in MATH 1200							
		COURSE DESC:		Basic theory of national income analysis. Causes of unemployment and inflation. Monetary and fiscal policies of the federal government.									
A&S	ECON	ECON	2020	Gender in the Economy	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Gender in the Economy is an introductory course. It takes an interdisciplinary approach to examine ways in which gender, as a culturally defined concept, affects the economy.									
A&S	ECON	ECON	2130	Current Economic Problems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	WARNING: No credit for this course if taken after the following: any 3000 level or higher ECON course							
		COURSE DESC:		CR This course applies economic theory to current economic problems with emphasis on public policy implications.									
A&S	ECON	ECON	2900	Special Topics in Economics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	ECON	2900	Special Topics in Economics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	ECON	2970T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC CR, PR							
		COURSE DESC:		Tutorial on topics in microeconomics.									
A&S	ECON	ECON	2971T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC CR, PR							
		COURSE DESC:		Tutorial on topics in advanced microeconomics.									
A&S	ECON	ECON	2980T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC CR, PR							
		COURSE DESC:		Tutorial on topics in macroeconomics.									
A&S	ECON	ECON	2981T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC CR, PR							
		COURSE DESC:		Tutorial on topics in advanced macroeconomics.									
A&S	ECON	ECON	3000	Mathematics for Economists	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ECON 1030 and 1040 CR							
		COURSE DESC:		Mathematical analysis in economics. Calculus and matrix algebra techniques used prominently in economics literature, together with their application to selected problems in economics.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	3010C	Economics of Altruism ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course is an introduction into behavioral economic theory and methods as they pertain to concepts of altruism, generosity, and giving. The course will contrast economic theories that predict selfish behavior to those that attempt to explain kindness and generosity. Recent research in behavioral economics shows a plethora of surprising and often, conflicting evidence on the existence of altruism. Students will become familiar with the altruism literature and related economic experiments and games. The role of humanitarianism in society will be explored as students perform service learning projects with local non-profit organizations. Students will learn project evaluation techniques to give insight into effective philanthropy.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3020	Games and Economic Behavior ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Game Theory studies interactions between mutually interdependent players who are aware of this interdependence.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3030	Intermediate Microeconomics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Price system as allocative mechanism. Price and production policies of individual firms and consumers under alternative market conditions and analysis of these policies on social efficiency of resource allocation. Students expected to have understanding of elementary algebra and geometry.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3040	Intermediate Macroeconomics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Factors determining level of nation's economic activity and responsible for growth and stability in nation's economy. Part of course devoted to measures of national income while remainder consists of analysis of interrelationships among production, price levels, relative prices, employment, and capital formation. Students expected to have understanding of elementary algebra and geometry.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3050	Managerial Economics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Analysis of decision-making in enterprise; market environment; measurement of influence of policy and nonpolicy variables on sales and costs; sales, cost, and profit forecasting; and empirical studies of market structure and pricing.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3070	Economic Data Analysis ELIGIBLE GRADES: GEC2: A-F, COURSE DESC: This course uses Microsoft Excel and other popular data analysis software on real-life small and large data sets and teaches students how to apply various software procedures to conduct data organization, visualization and perform statistical and financial analysis of economic and business data. This course also teaches students how to interpret statistical output of estimated functions and written reports for rational decision-making by using business and economic analysis.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3080	Behavioral Economics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course combines insights from psychology with neo-classical economic theory and applies human and social cognitive and emotional patterns to better understand economic decision making and public choice.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3100J	Writing on Economic Issues ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course teaches students to write about economic issues for a general audience.	LEC	LE	3	0	1J	N	U30		50
A&S	ECON	ECON	3120	Economics of Poverty ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Incidence, causes, measurement and analysis of poverty worldwide. This is a designated service learning course.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3130	Economics of the Environment ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Economic analysis of such environmental matters as air, water, and noise pollution, population growth, and land use. Emphasis placed on use of economic theory and empirical research in evaluating environmental policies.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3140	Natural Resource Economics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores the economic aspects involved in the extraction and utilization of both renewable and nonrenewable natural resources. Topics include the economics of oil and mineral extraction, groundwater use, agricultural practices, forestry, and fisheries. Allocation of property rights and economic benefits and costs of natural resource use also are examined.	LEC	LE	3	0		N	U30		0
A&S	ECON	ECON	3150	Economics of Health Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The main topics include: Private versus social health insurance. Economics of HIV/AIDS. Rational and bounded rational addiction models. Economics of smoking, drinking, obesity. Exams involve solving numerical problems and writing short essays on health policy issues.	LEC	LE	3	0		N	U30		0

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A&S	ECON	ECON	3160	Economics and the Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		Major topics are property, contracts, and torts. Class time is divided between economic analysis of these topics in the abstract and actual legal cases that involve these topics.									
A&S	ECON	ECON	3200	Labor Economics	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	ECON	3200	Labor Economics	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	ECON	3220	Economics of Human Resources	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		Investigation of the decisions individuals and families make regarding education, marriage, fertility, labor supply, and child care, as well as the effects of public policy on these decisions.									
A&S	ECON	ECON	3320	Industrial Organization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 163A or 1350 or 2301 or 2302)									
		COURSE DESC:		Market structures, market conduct, and social performance of industries. Emphasis upon firms' strategic behavior in price and nonprice competition. Topics include oligopolistic pricing, strategic entry deterrence, location strategies, product quality, advertising, and research and development. Economic welfare implications of firms' behavior examined.									
A&S	ECON	ECON	3340	Economics of Antitrust	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		Explores the economic behavior of the firm subject to antitrust laws. Topics include collusion, price discrimination, vertical restraints, and other behavior where the intent may be to monopolize a market. Also examines institutional incentives and economic benefits and costs of antitrust laws.									
A&S	ECON	ECON	3350	Economics of Energy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 163A or 1350 or 2301 or 2302)									
		COURSE DESC:		Applies economic theory to analyzing public policy issues regarding energy production and use--including such topics as price controls, import dependency, conservation, supply outlook, and industry concentration.									
A&S	ECON	ECON	3370	Economics of Regulation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		This course examines the theory and practice of economic, health, safety, and environmental regulations.									
A&S	ECON	ECON	3400	International Trade	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		International trade patterns, theories of absolute and comparative advantage, classical and modern trade theory, tariffs, quotas, nontariff barriers, preferential trading arrangements.									
A&S	ECON	ECON	3410	International Monetary Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		How exchange rates are determined, fixed vs. flexible rates, government intervention, fiscal and monetary policy in open economy, transmission of inflation and unemployment among nations, international capital movements, covered interest arbitrage, forward exchange, Euro-currency markets.									
A&S	ECON	ECON	3410	International Monetary Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		How exchange rates are determined, fixed vs. flexible rates, government intervention, fiscal and monetary policy in open economy, transmission of inflation and unemployment among nations, international capital movements, covered interest arbitrage, forward exchange, Euro-currency markets.									
A&S	ECON	ECON	3430	Financial Economics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		In a free economy, income earners' savings flow directly and through intermediaries to investors who use the proceeds to increase capital, the engine of growth. Intermediaries such as banks, brokers, and exchanges, create instruments such as equities, bonds, mutual fund shares, and their derivatives, which trade in secondary markets. This course examines the interrelationships between institutions, instruments, participants, strategies, and markets.									

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A&S	ECON	ECON	3500	Development Economics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		This course examines classic and modern theories of economic development and growth focusing on applications to the developing world. Special topics may include debt, trade, reform, foreign investment, education, health, the role of the state, and international aid.									
A&S	ECON	ECON	3510	Agricultural Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		Patterns of agricultural development; technological and demographic changes in agriculture; socioeconomic problems; marketing arrangements; case studies of specific agricultural development projects.									
A&S	ECON	ECON	3520	Economic History of the United States	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		Economic factors in development of U.S., including historical growth of economic institutions such as banking, manufacturing, labor unions, and agriculture, from colonial times to present.									
A&S	ECON	ECON	3530	European Economic History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		Economic growth of developed countries. Focus on industrial revolutions in Great Britain, France, Germany, and the former Soviet Union. Historical experience of these countries related to various theories of economic change.									
A&S	ECON	ECON	3600	Money and Banking	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1040									
		COURSE DESC:		Role of money and banking system in determination of national income and output.									
A&S	ECON	ECON	3600	Money and Banking	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1040									
		COURSE DESC:		Role of money and banking system in determination of national income and output.									
A&S	ECON	ECON	3710	Cost Benefit Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030									
		COURSE DESC:		A systematic treatment of all the concepts underlying benefit cost analysis combined with hands on experience in using cost benefit analysis to evaluate actual public projects.									
A&S	ECON	ECON	3810	Economic Statistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 1350 or Math 2301 or Math 2302) and WARNING:No credit for both this course and the following (always deduct credit for first course taken): ISE 3040 or ISE 3200 or MATH 253 or MATH 2500									
		COURSE DESC:		Statistical methods are developed within an economic context. Fundamental statistical topics include descriptive statistics, basic probability theory, random variables, sampling, estimation, and hypothesis testing.									
A&S	ECON	ECON	3970T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Tutorial on topics in an economics field.									
A&S	ECON	ECON	3980T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Tutorial on topics in an economics field.									
A&S	ECON	ECON	4060	Monetary Theory and Policy	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 3040 or 3600									
		COURSE DESC:		Emphasis on monetary economics. Money demand and supply theory and policies for minimizing cyclical fluctuations in economic activity.									
A&S	ECON	ECON	4060	Monetary Theory and Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 3040 or 3600									
		COURSE DESC:		Emphasis on monetary economics. Money demand and supply theory and policies for minimizing cyclical fluctuations in economic activity.									
A&S	ECON	ECON	4150	Regional Analysis	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040									
		COURSE DESC:		Regional economic issues and the role for regional economic policy.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	4250	Government and Economic Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 1040						
		COURSE DESC:		Survey of economic approach to analyzing public policy issues. Uses concepts of welfare economics and public choice economics, as applied to sample of policy subjects.									
A&S	ECON	ECON	4300	Public Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 or 1040						
		COURSE DESC:		Role played by government as user of economic resources and redistributor of incomes. Some questions explored: need for government's entry into economy, optimal size of government, selection of tax and expenditures schemes, and effects of government economic activity on private sector.									
A&S	ECON	ECON	4440	Futures Markets	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 3600 or FIN 3270						
		COURSE DESC:		Contracts, trading, institutions, and strategies, including hedging and speculation.									
A&S	ECON	ECON	4550	Economics of Africa	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 3500						
		COURSE DESC:		Analysis of African Economies									
A&S	ECON	ECON	4730	Economics of Southeast Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 1040						
		COURSE DESC:		Economic characteristics, development problems, strategies, and prospects of countries of Southeast Asia.									
A&S	ECON	ECON	4740	Economics of Latin America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 1040						
		COURSE DESC:		Economics of Latin American countries, prospects for economic development of the region, nature and origin of institutional obstacles to economic change. Economic heritage of colonial period and subsequent evolution of economic institutions, resources of the area and utilization, and trends in economic activity and policy in post-WWII period.									
A&S	ECON	ECON	4750	Economics of China	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 1040						
		COURSE DESC:		This course examines the history and development of the Chinese economy. The emphasis is given to the transformation of the Chinese economy into a market economy with its special characteristics.									
A&S	ECON	ECON	4760	Economics of Korea, Japan, and Southeast Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:		ECON 1040						
		COURSE DESC:		CR	Study the economic characteristics, current economic problems, and future growth prospects for these economies.								
A&S	ECON	ECON	4850	Economic Methodology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 3040 and (3030 or 3050) and (3810 or QBA 2010)						
		COURSE DESC:		Statistical testing of economic hypotheses employing linear regression. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.									
A&S	ECON	ECON	4870	Introduction to Econometrics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		(ECON 3030 or 3040) and (3810 or QBA 2010)						
		COURSE DESC:		Basic linear regression models are explored within an econometric context. Simple and multiple linear regression models are introduced under classical assumptions and developed in relation to heteroskedasticity, autocorrelation, multicollinearity, and specification errors. Models with binary regressors, models with qualitative dependent variables, and the simultaneous equations model are introduced. Computer assignments provide experience in empirical social science research.									
A&S	ECON	ECON	4890	Economics with SAS	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 3810						
		COURSE DESC:		Use statistical and econometric techniques in SAS to study selected topics of current interest in the area of economics.									
A&S	ECON	ECON	4890	Economics with SAS	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ECON 1030 and 3810						
		COURSE DESC:		Use statistical and econometric techniques in SAS to study selected topics of current interest in the area of economics.									
A&S	ECON	ECON	4900	Special Topics in Economics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR	Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	4900	Special Topics in Economics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	ECON	4910	Internship in Economics	INT	IN	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ECON 1030 and 1040 and 3810 CR									
		COURSE DESC:		This class represents an internship for a student. Internships must be supervised by a faculty member.									
A&S	ECON	ECON	4930	Readings	IND	EL	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Readings in selected fields of economics. Topics selected by student in consultation with faculty member.									
A&S	ECON	ECON	4930	Readings	IND	IS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Readings in selected fields of economics. Topics selected by student in consultation with faculty member.									
A&S	ECON	ECON	4940	Independent Research	RSC	RS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Methodology, analysis of data, and preparation of research findings.									
A&S	ECON	ECON	4970T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Thesis Tutorial									
A&S	ECON	ECON	4980T	Economics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Thesis Tutorial									
A&S	ECON	ECON	5010C	Economics of Altruism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is an introduction into behavioral economic theory and methods as they pertain to concepts of altruism, generosity, and giving. The course will contrast economic theories that predict selfish behavior to those that attempt to explain kindness and generosity. Recent research in behavioral economics shows a plethora of surprising and often, conflicting evidence on the existence of altruism. Students will become familiar with the altruism literature and related economic experiments and games. The role of humanitarianism in society will be explored as students perform service learning projects with local non-profit organizations. Students will learn project evaluation techniques to give insight into effective philanthropy.									
A&S	ECON	ECON	5020	Games and Economic Behavior	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Game Theory studies interactions between mutually interdependent players who are aware of this interdependence.									
A&S	ECON	ECON	5030	Intermediate Microeconomics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Price system as allocative mechanism. Price and production policies of individual firms and consumers under alternative market conditions and analysis of these policies on social efficiency of resource allocation. Students expected to have understanding of elementary algebra and geometry.									
A&S	ECON	ECON	5040	Intermediate Macroeconomics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Factors determining level of nation's economic activity and responsible for growth and stability in nation's economy. Part of course devoted to measures of national income while remainder consists of analysis of interrelationships among production, price levels, relative prices, employment, and capital formation. Students expected to have understanding of elementary algebra and geometry.									
A&S	ECON	ECON	5050	Managerial Economics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analysis of decision-making in enterprise; market environment; measurement of influence of policy and nonpolicy variables on sales and costs; sales, cost, and profit forecasting; and empirical studies of market structure and pricing.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5060	Monetary Theory and Policy	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Emphasis on monetary economics. Money demand and supply theory and policies for minimizing cyclical fluctuations in economic activity.									
A&S	ECON	ECON	5060	Monetary Theory and Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Emphasis on monetary economics. Money demand and supply theory and policies for minimizing cyclical fluctuations in economic activity.									
A&S	ECON	ECON	5070	Economic Data Analysis	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course uses Microsoft Excel and other popular data analysis software on real-life small and large data sets and teaches students how to apply various software procedures to conduct data organization, visualization and perform statistical and financial analysis of economic and business data. This course also teaches students how to interpret statistical output of estimated functions and written reports for rational decision-making by using business and economic analysis.									
A&S	ECON	ECON	5120	Economics of Poverty	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Incidence, causes, measurement and analysis of poverty worldwide. This is a designated service learning course.									
A&S	ECON	ECON	5130	Economics of the Environment	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Economic analysis of such environmental matters as air, water, and noise pollution, population growth, and land use. Emphasis placed on use of economic theory and empirical research in evaluating environmental policies.									
A&S	ECON	ECON	5140	Natural Resource Economics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores the economic aspects involved in the extraction and utilization of both renewable and nonrenewable natural resources. Topics include the economics of oil and mineral extraction, groundwater use, agricultural practices, forestry, and fisheries. Allocation of property rights and economic benefits and costs of natural resource use also are examined.									
A&S	ECON	ECON	5150	Economics of Health Care	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The main topics include: Private versus social health insurance. Economics of HIV/AIDS. Rational and bounded rational addiction models. Economics of smoking, drinking, obesity. Exams involve solving numerical problems and writing short essays on health policy issues.									
A&S	ECON	ECON	5200	Labor Economics	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	ECON	5200	Labor Economics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	ECON	5220	Economics of Human Resources	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of the decisions individuals and families make regarding education, marriage, fertility, labor supply, and child care, as well as the effects of public policy on these decisions.									
A&S	ECON	ECON	5250	Government and Economic Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of economic approach to analyzing public policy issues. Uses concepts of welfare economics and public choice economics, as applied to sample of policy subjects.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5300	Public Finance	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Role played by government as user of economic resources and redistributor of incomes. Some questions explored: need for government's entry into economy, optimal size of government, selection of tax and expenditures schemes, and effects of government economic activity on private sector.									
A&S	ECON	ECON	5320	Industrial Organization	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Market structures, market conduct, and social performance of industries. Emphasis upon firms' strategic behavior in price and nonprice competition. Topics include oligopolistic pricing, strategic entry deterrence, location strategies, product quality, advertising, and research and development. Economic welfare implications of firms' behavior examined.									
A&S	ECON	ECON	5340	Economics of Antitrust	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Explores the economic behavior of the firm subject to antitrust laws. Topics include collusion, price discrimination, vertical restraints, and other behavior where the intent may be to monopolize a market. Also examines institutional incentives and economic benefits and costs of antitrust laws.									
A&S	ECON	ECON	5350	Economics of Energy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Applies economic theory to analyzing public policy issues regarding energy production and use--including such topics as price controls, import dependency, conservation, supply outlook, and industry concentration.									
A&S	ECON	ECON	5370	Economics of Regulation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6002									
		COURSE DESC:		This course examines the theory and practice of economic, health, safety, and environmental regulations.									
A&S	ECON	ECON	5400	International Trade	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		International trade patterns, theories of absolute and comparative advantage, classical and modern trade theory, tariffs, quotas, nontariff barriers, preferential trading arrangements.									
A&S	ECON	ECON	5410	International Monetary Systems	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR How exchange rates are determined, fixed vs. flexible rates, government intervention, fiscal and monetary policy in open economy, transmission of inflation and unemployment among nations, international capital movements, covered interest arbitrage, forward exchange, Euro-currency markets.									
A&S	ECON	ECON	5410	International Monetary Systems	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR How exchange rates are determined, fixed vs. flexible rates, government intervention, fiscal and monetary policy in open economy, transmission of inflation and unemployment among nations, international capital movements, covered interest arbitrage, forward exchange, Euro-currency markets.									
A&S	ECON	ECON	5500	Development Economics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR This course examines classic and modern theories of economic development and growth focusing on applications to the developing world. Special topics may include debt, trade, reform, foreign investment, education, health, the role of the state, and international aid.									
A&S	ECON	ECON	5510	Agricultural Development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Patterns of agricultural development; technological and demographic changes in agriculture; socioeconomic problems; marketing arrangements; case studies of specific agricultural development projects.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5520	Economic History of the United States	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Economic factors in development of U.S., including historical growth of economic institutions such as banking, manufacturing, labor unions, and agriculture, from colonial times to present.									
A&S	ECON	ECON	5530	European Economic History	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Economic growth of developed countries. Focus on industrial revolutions in Great Britain, France, Germany, and the former Soviet Union. Historical experience of these countries related to various theories of economic change.									
A&S	ECON	ECON	5550	Economics of Africa	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Analysis of African Economies									
A&S	ECON	ECON	5600	Money and Banking	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Role of money and banking system in determination of national income and output.									
A&S	ECON	ECON	5600	Money and Banking	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Role of money and banking system in determination of national income and output.									
A&S	ECON	ECON	5710	Cost Benefit Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		A systematic treatment of all the concepts underlying benefit cost analysis combined with hands on experience in using cost benefit analysis to evaluate actual public projects.									
A&S	ECON	ECON	5730	Economics of Southeast Asia	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Economic characteristics, development problems, strategies, and prospects of countries of Southeast Asia.									
A&S	ECON	ECON	5740	Economics of Latin America	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Economics of Latin American countries, prospects for economic development of the region, nature and origin of institutional obstacles to economic change. Economic heritage of colonial period and subsequent evolution of economic institutions, resources of the area and utilization, and trends in economic activity and policy in post-WWII period.									
A&S	ECON	ECON	5750	Economics of China	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		This course examines the history and development of the Chinese economy. The emphasis is given to the transformation of the Chinese economy into a market economy with its special characteristics.									
A&S	ECON	ECON	5760	Economics of Korea, Japan, and Southeast Asia	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Study the economic characteristics, current economic problems, and future growth prospects for these economies.									
A&S	ECON	ECON	5810	Economic Statistics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Statistical methods are developed within an economic context. Fundamental statistical topics include descriptive statistics, basic probability theory, random variables, sampling, estimation, and hypothesis testing.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5890	Economics with SAS	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Use statistical and econometric techniques in SAS to study selected topics of current interest in the area of economics.									
A&S	ECON	ECON	5890	Economics with SAS	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Use statistical and econometric techniques in SAS to study selected topics of current interest in the area of economics.									
A&S	ECON	ECON	5892	Economics with SAS	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COURSE DESC: Students will use SAS software to conduct economic analysis.									
A&S	ECON	ECON	5900	Special Topics in Economics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	ECON	5900	Special Topics in Economics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	ECON	6000	Managerial Economics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 3030 or 3050 CR, PR									
		COURSE DESC:		Measuring economic relationships, analyzing market behavior, and examining some major economic decisions of business firm.									
A&S	ECON	ECON	6001	Mathematical Economics Foundations	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to differential calculus, integral calculus, and linear algebra with economic and business models and applications.									
A&S	ECON	ECON	6002	Statistical Foundations	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Basic topics of statistics are discussed, including descriptive statistics, probability theory, random variables, mathematical expectation, binomial and normal distributions, sampling theory and central limit theorem, point and interval estimation, and hypothesis testing.									
A&S	ECON	ECON	6003	Mathematical Economics and Economic Statistics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The main purpose of this course is to acquaint students with concepts, techniques, and applications of mathematical economics and economic statistics. This course covers various topics of matrix algebra, differential and integral calculus, and applied statistics.									
A&S	ECON	ECON	6030	Advanced Microeconomic Theory I	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Consumer behavior under certainty and uncertainty, theory of the firm, and perfect competition.									
A&S	ECON	ECON	6031	Advanced Microeconomics Theory II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6030 CR, PR									
		COURSE DESC:		This course is the second course in a two-course sequence in microeconomics. The course continues with the same textbook as ECON 6030 while addressing the concepts of general equilibrium, welfare economics and imperfect competition.									
A&S	ECON	ECON	6040	Advanced Macroeconomic Theory	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Aggregate Demand (IS-LM) and Aggregate Supply, Money Supply and demand, inflation dynamics, rational expectations, real business cycle, monetary and fiscal policy, and long-run growth model.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	6041	Advanced Macroeconomic Theory II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ECON 6003 and ECON 6040							
		COURSE DESC:		The course provides students with a background in macroeconomic theory at the graduate level with a focus on economic applications. The macroeconomic theory covered has an emphasis on dynamic general equilibrium models. Examples of their application to business cycles, asset pricing, fiscal and monetary policies, and growth theory are studied. The course also provides students with the mathematical tools and analytical skills needed to analyze modern dynamic macroeconomics.									
A&S	ECON	ECON	6350	Econometrics I	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ECON 6001 and 6002							
		COURSE DESC:		Basic topics of econometrics are discussed, including simple linear regression models, violation of classical assumptions (heteroskedasticity, autocorrelation, etc.), multiple linear regression models, multicollinearity, specification errors, dummy variables models, and basic simultaneous equations models, causality tests, unit root tests, cointegration tests, error correction model.									
A&S	ECON	ECON	6360	Econometrics II	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ECON 6350							
		COURSE DESC:		Advanced topics of econometrics are discussed, including convergence in distribution, multivariate normal distributions, distribution of quadratic forms, large sample tests (LR, Wald, LM tests), generalized linear regression models, seemingly unrelated regression models, simultaneous equations models, and generalized method of moments estimators.									
A&S	ECON	ECON	6370	Applied Forecasting	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Simple forecasting methods, forecasting with econometric approach, time series methods, and the Arima models. Empirical model building using real-life data and these models.									
A&S	ECON	ECON	6380	Applied Econometrics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ECON 6350							
		COURSE DESC:		Basic techniques of empirical econometric modeling are introduced and applied topics of econometrics are discussed. Applied topics include specification error tests (RESET, CUSUM, etc.), model selection tests, causality tests, unit root tests, cointegration tests, error correction models, distributed lag models, logit and probit models, limited dependent variables models, GARCH-type models, and translog cost functions.									
A&S	ECON	ECON	6900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		This class will be a seminar to cover special topics in Economics.									
A&S	ECON	ECON	6910	Internship	INT	FE	4 to 8	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		Student will complete an internship in a position which requires economic or statistical research and analysis. Internship position must receive prior approval by the Director of Graduate Studies.									
A&S	ECON	ECON	6930	Independent Study	IND	EL	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Readings in selected fields in economics under direction of staff member.									
A&S	ECON	ECON	6930	Independent Study	IND	IS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Readings in selected fields in economics under direction of staff member.									
A&S	ECON	ECON	6940	Research	RSC	RS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Research in selected fields in economics under supervision of staff member.									
A&S	ECON	ECON	6950	Master's Thesis	THE	TH	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		Writing of scholarly papers in areas of economics. Required for all master's candidates.									
A&S	ECON	ECON	6960	Master's Paper	SEM	SE	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		Writing of scholarly papers in areas of economics.									

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COURSE LISTING
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A&S	ECON	ECON	6980	Colloquium	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		Selected topics of current interest.									
A&S	ECON	MFE	6000	Quantitative Analysis for Financial Markets	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Students will learn the basic tools necessary for understanding how economic theory is applied to financial markets. Financial economic theory is expressed in the language of mathematics and is applied to the real world using statistics. This course offers a blend of mathematics and statistics designed especially for the financial market practitioner. Major topics include solving systems of equations, optimization, probability theory, and hypothesis testing.									
A&S	ECON	MFE	6010	Macroeconomics and Business Fluctuations	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		Analyses of demand for money, inflation, interest rates, capital growth, asset markets, financial intermediaries, and the relationship between money and the business cycles. Other topics include national income, savings, investment, unemployment, fiscal, and monetary policies.									
A&S	ECON	MFE	6050	Managerial Economics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Measuring economic relationships, analyzing market behavior of consumers and firms , and examining some major economic decisions of business firm.									
A&S	ECON	MFE	6100	Managerial Accounting	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to the basic tenets and processes of accounting systems for financial statements and managerial reports. Study of the financial reporting process for investor and creditor decisions, including internal controls. Study of cost behavior, budgeting and capital budgeting for managerial reports.									
A&S	ECON	MFE	6110	Financial Statement Analysis	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Solid foundation in the environment of financial reporting.									
A&S	ECON	MFE	6200	Corporate Finance	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		The roles and responsibilities of financial manager with special emphasis on advanced tools and techniques for solving complex financial problems.									
A&S	ECON	MFE	6210	Financial Management II	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Application of financial theory and analysis techniques to major financial decisions facing managers.									
A&S	ECON	MFE	6220	Quantitative Analysis in Equity Markets	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	MFE 6390							
		COURSE DESC:		PR Covers the principles of valuation for common stock (equities) and the principles of portfolio management for equity portfolios. Presents tools and theories used by investors to identify and evaluate various investment alternatives in forming investment portfolios. Topics include sources of investment information, relationship between investment risks and returns, analysis and valuation of securities (focusing on common stocks), portfolio theory, portfolio performance evaluation, and investor and market behavior. For forecasting purposes in equity markets, the course covers Autoregressive and Moving average models, random walks and unit roots, ARCH/GARCH models, and the Vector Autoregressive models. Students obtain a theoretical understanding of each model and their applications.									
A&S	ECON	MFE	6220	Quantitative Analysis in Equity Markets	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	MFE 6390							
		COURSE DESC:		PR Covers the principles of valuation for common stock (equities) and the principles of portfolio management for equity portfolios. Presents tools and theories used by investors to identify and evaluate various investment alternatives in forming investment portfolios. Topics include sources of investment information, relationship between investment risks and returns, analysis and valuation of securities (focusing on common stocks), portfolio theory, portfolio performance evaluation, and investor and market behavior. For forecasting purposes in equity markets, the course covers Autoregressive and Moving average models, random walks and unit roots, ARCH/GARCH models, and the Vector Autoregressive models. Students obtain a theoretical understanding of each model and their applications.									
A&S	ECON	MFE	6230	Portfolio Theory	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR The decision making process in the management of individual and institutional securities portfolios.									

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COURSE LISTING
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A&S	ECON	MFE	6390	Statistics and Econometrics: Theory and Application	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Classical linear regression and various diagnostic tests and remedies for violations of classical assumptions, and various forecasting models.									
A&S	ECON	MFE	6400	International Trade and Financial Economics	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The benefits from international trade. The law of comparative advantage, the factor endowment explanation of international trade, and other theories of international trade. Other topics include foreign exchange markets, interest arbitrage, portfolio theory, balance of payments, and international banking.									
A&S	ECON	MFE	6440	Financial Derivatives	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: A risk management course dealing with contract specifications. Characteristics of options and futures trading procedures. The pricing mechanism that joins commodity, options, futures, and futures options markets.									
A&S	ECON	MFE	6500	Fixed Income Analysis	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The role of fixed income investments and other alternative investments in financial markets and the analysis of these financial instruments in investment portfolios.									
A&S	ECON	MFE	6900	Special Topics in Master Financial Economics	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	ECON	MFE	6900	Special Topics in Master Financial Economics	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	ECON	MFE	6910	Internship	INT	IN	1 to 5	10		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: Permission required PR, F									
				COURSE DESC: Complete an internship and write a paper on topic in financial economics.									
A&S	ECON	MFE	6930	Independent Study	IND	EL	1 to 5	10		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Readings in selected fields in economics under direction of staff member.									
A&S	ECON	MFE	6930	Independent Study	IND	IS	1 to 5	10		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Readings in selected fields in economics under direction of staff member.									
A&S	ECON	MFE	6940	Research	RSC	RS	1 to 5	10		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Research in selected fields of financial economics under supervision of staff member.									
A&S	ECON	MFE	6950	Master's Thesis	THE	TH	4	12		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: MFE 6000 and 6390 PR, F									
				COURSE DESC: Writing of scholarly papers in areas of financial economics. A thesis must follow the format of the Graduate College.									
A&S	ECON	MFE	6960	Master's Paper	SEM	EL	4	8		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: MFE 6000 and 6390 PR, F									
				COURSE DESC: Writing a scholarly paper in the area of financial economics. A masters paper is different than a masters thesis in that a student writing a masters paper is not required follow the thesis format of the Graduate College.									

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A&S	ECON	MFE	6960	Master's Paper	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: MFE 6000 and 6390									
		COURSE DESC:		PR, F Writing a scholarly paper in the area of financial economics. A masters paper is different than a masters thesis in that a student writing a masters paper is not required follow the thesis format of the Graduate College.									
A&S	ECON	MFE	6980	Colloquium	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Selected topics of current interest.									
A&S	ECON	MFE	6980	Colloquium	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Selected topics of current interest.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	D150	Developmental Writing Skills	SEM	SE	3	0	0E	N	V00	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG D150 placement or recommendation and	WARNING:	no course in ENG above 1500					
		COURSE DESC:		Develops skills through attention to coherence, mechanics, syntax, and writing conventions. Does not satisfy Tier I or Arts and Sciences humanities requirement. (Nonnative speakers take D160.)									
A&S	ENG	ENG	D160	Fundamental English Usage Skills	LEC	LE	4	0	0E	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG D160 placement or non-native English speaker and	WARNING:	not ENG 1510					
		COURSE DESC:		Intended to assist non-native English speaking students in becoming more skilled writers in their undergraduate coursework. Students practice their ability to organize, develop, and write up their ideas; use sources in their writing without plagiarizing; revise and proofread their own writing; and become more aware of their own strengths and opportunities for development in writing. Helping students use correct grammar and vocabulary is also very important in this course.									
A&S	ENG	ENG	1510	Writing and Rhetoric I	LEC	LE	3	0	1E	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 150 or ENGD150 or 1510 placement; not ENG D160 or ENG 1610 placement							
		COURSE DESC:		Practice in composing and revising expository essays that are well organized, logically coherent, and effective for their purpose and audience. Topics from personal experience, nonfiction reading, and research material.									
A&S	ENG	ENG	1600	Introduction to Shakespeare in Film	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Through close reading of Shakespeare's plays and through viewing films in class, students will gain an understanding of Shakespeare's artistry and ideas.									
A&S	ENG	ENG	1600	Introduction to Shakespeare in Film	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Through close reading of Shakespeare's plays and through viewing films in class, students will gain an understanding of Shakespeare's artistry and ideas.									
A&S	ENG	ENG	1610	Freshman Composition: Writing and Rhetoric	LEC	LE	4	0	1E	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1610 placement or C or better in ENG D160 or non-English speaker and	WARNING:	not ENG 1510					
		COURSE DESC:		For non-native English speaking undergraduate students is designed to instruct such students in higher-level writing skills. Practice in composing and revising expository essays that are well organized, logically coherent, and effective for their purpose and audience. Topics from reading, research, and academic content. Fulfills the requirements for a freshman composition course (ENG 1510). Native English speakers should take ENG 1510.									
A&S	ENG	ENG	2010	Introduction to Prose Fiction and Nonfiction	LEC	EL	3	0	2HL	N	U30	CCE, CORRESPOND	35
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing) as they have developed and changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	ENG	2010	Introduction to Prose Fiction and Nonfiction	LEC	LE	3	0	2HL	N	U30	CCE, CORRESPOND	35
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing) as they have developed and changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	ENG	2020	Introduction to Poetry and Drama	LEC	EL	3	0	2HL	N	U30	CORRESPOND	35
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of poetry and drama as they have changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	ENG	2020	Introduction to Poetry and Drama	LEC	LE	3	0	2HL	N	U30	CORRESPOND	35
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of poetry and drama as they have changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	ENG	2100	Critical Approaches to Popular Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to genres of popular literature (romance, science fiction, detective novel, etc.) as well as to relation between film and popular literature.									
A&S	ENG	ENG	2100	Critical Approaches to Popular Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to genres of popular literature (romance, science fiction, detective novel, etc.) as well as to relation between film and popular literature.									
A&S	ENG	ENG	2800	Expository Writing and the Research Paper	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Practice in library research, techniques of documentation, and writing research papers.									

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A&S	ENG	ENG	2800	Expository Writing and the Research Paper	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B									
		COURSE DESC:		Practice in library research, techniques of documentation, and writing research papers.									
A&S	ENG	ENG	2820	Writing About Literature as Social Action	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B									
		COURSE DESC:		Addresses works of literature from a rhetorical perspective, viewing different literary texts as situated within a time and culture. Students analyze different texts as examples of social action. Sections might focus on specific literary genres such as the novel, short fiction, drama, poetry, the memoir, etc., or they might use a mixture of genres. The course engages students in formal and informal writing, writing to learn, critical reading, and critical thinking. This course can serve as one of the core course requirements for the Writing Certificate.									
A&S	ENG	ENG	2820	Writing About Literature as Social Action	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B									
		COURSE DESC:		Addresses works of literature from a rhetorical perspective, viewing different literary texts as situated within a time and culture. Students analyze different texts as examples of social action. Sections might focus on specific literary genres such as the novel, short fiction, drama, poetry, the memoir, etc., or they might use a mixture of genres. The course engages students in formal and informal writing, writing to learn, critical reading, and critical thinking. This course can serve as one of the core course requirements for the Writing Certificate.									
A&S	ENG	ENG	2900	Special Topics in English	LEC	EL	3	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	2900	Special Topics in English	LEC	LE	3	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	2970T	Introduction to English Studies	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to Honors Tutorial Program in English									
		COURSE DESC:		PR Introduces first-semester students to the discipline and practice of English studies, including textual analysis, research, writing, and critical theory. Format is both seminar and individual tutorial.									
A&S	ENG	ENG	2971T	Later British Literature	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Intensive study through reading, writing, discussion, and tutorial conferencing of the poetry, prose, and drama of 18th-, 19th-, and 20th- century England (1689-2000)									
A&S	ENG	ENG	2980T	Early British Literature	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Intensive study through reading, writing, discussion, and tutorial conferencing of the poetry, prose, and drama of Anglo-Saxon, Medieval, and Early Modern England (700 C.E. to 1688 C.E.).									
A&S	ENG	ENG	2981T	American Literature	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Intensive study through reading, writing, discussion, and tutorial conferencing of American poetry, prose, and drama from the 17th century to the present.									
A&S	ENG	ENG	3010	Shakespeare	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
		COURSE DESC:		A survey of selected plays by William Shakespeare.									
A&S	ENG	ENG	3010	Shakespeare	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
		COURSE DESC:		A survey of selected plays by William Shakespeare.									
A&S	ENG	ENG	3020	Topics in Shakespeare	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
		COURSE DESC:		A survey of plays by Shakespeare and other Renaissance playwrights, often focused on a specific topic.									
A&S	ENG	ENG	3020	Topics in Shakespeare	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
		COURSE DESC:		A survey of plays by Shakespeare and other Renaissance playwrights, often focused on a specific topic.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3030J	Writing, Reading, and Rhetoric in the Professions GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Examines rhetorical theory in professional writing, such as the role of context, audience, and purpose in creating documents, and ethical decision making in professional writing. Will engage students in writing and reading critically, writing individually and collaboratively, and writing formally and informally.	LEC	EL	3	0	1J	N	U30		0
A&S	ENG	ENG	3030J	Writing, Reading, and Rhetoric in the Professions GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Examines rhetorical theory in professional writing, such as the role of context, audience, and purpose in creating documents, and ethical decision making in professional writing. Will engage students in writing and reading critically, writing individually and collaboratively, and writing formally and informally.	LEC	LE	3	0	1J	N	U30		0
A&S	ENG	ENG	3040	English Bible GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr) Selected prose and poetry of the Hebrew and Christian scriptures.	LEC	LE	3	0		N	U30		0
A&S	ENG	ENG	3050J	Advanced Multilingual Writing and Rhetoric GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) This course is for multilingual students and encourages students to draw on their knowledge and talent in all languages to compose effectively in English. Students compose print and multimodal texts in a variety of public and professional genres, composing primarily in English. Students receive additional English language support as needed. The course also explores relationships between language and power, especially English as a global language.	LEC	EL	3	0	1J	N	U30		0
A&S	ENG	ENG	3050J	Advanced Multilingual Writing and Rhetoric GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) This course is for multilingual students and encourages students to draw on their knowledge and talent in all languages to compose effectively in English. Students compose print and multimodal texts in a variety of public and professional genres, composing primarily in English. Students receive additional English language support as needed. The course also explores relationships between language and power, especially English as a global language.	LEC	LE	3	0	1J	N	U30		0
A&S	ENG	ENG	3060J	Women and Writing GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Practice in developing essays on women and their interests, on women and writing, and on gender issues.	LEC	EL	3	0	1J	N	U30		0
A&S	ENG	ENG	3060J	Women and Writing GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Practice in developing essays on women and their interests, on women and writing, and on gender issues.	LEC	LE	3	0	1J	N	U30		0
A&S	ENG	ENG	3070J	Writing and Research in English Studies GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Introduction to advanced writing and research in the field of English studies, including research methods, library resources, integration of primary and secondary sources, and proper scholarly documentation. Primarily intended for English and Integrated Language Arts majors, or students who have had or plan extensive coursework in English.	LEC	LE	3	0	1J	N	U30		75
A&S	ENG	ENG	3080J	Writing and Rhetoric II GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Focuses on skills in writing a variety of genres (i.e. rhetorical analysis, research-based argument, report, etc). Coursework includes learning to read rhetorically and using effective strategies for searching academic databases and evaluating sources. Also focuses on using correct documentation and mechanics.	LEC	EL	3	0	1J	N	U30	CORRESPOND	0
A&S	ENG	ENG	3080J	Writing and Rhetoric II GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Focuses on skills in writing a variety of genres (i.e. rhetorical analysis, research-based argument, report, etc). Coursework includes learning to read rhetorically and using effective strategies for searching academic databases and evaluating sources. Also focuses on using correct documentation and mechanics.	LEC	LE	3	0	1J	N	U30	CORRESPOND	0
A&S	ENG	ENG	3090J	Writing in the Sciences GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Provides students in the sciences with an opportunity to practice writing within their majors. Focuses on how to review prior research, how to propose research projects, how to incorporate research results into final reports, and how to write clearly and concisely.	LEC	EL	3	0	1J	N	U30		0
A&S	ENG	ENG	3090J	Writing in the Sciences GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Provides students in the sciences with an opportunity to practice writing within their majors. Focuses on how to review prior research, how to propose research projects, how to incorporate research results into final reports, and how to write clearly and concisely.	LEC	LE	3	0	1J	N	U30		0

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A&S	ENG	ENG	3100J	Writing About Environmental Sustainability	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)									
				Our readings, film screenings, discussions (oral and online), research and composing will be focused on relations between people and the environment, primarily but not exclusively, in our regional environment. We will explore mountaintop removal coal mining in Appalachia, the natural history of the region's forests, industrial food systems and "locavore" (agri)culture. Our approach will be "ecological" in the sense of attempting to understand our complex interrelationships with the natural and artificial systems we rely on and of which we are a part. We will take a similar approach to environmental rhetoric and use rhetorical analysis as the main means of mapping connections among informative, persuasive, and creative discourse on these topics.									
A&S	ENG	ENG	3110	English Literature to 1500	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
				Authors, works, and genres of Old and Middle English literature.									
A&S	ENG	ENG	3110	English Literature to 1500	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
				Authors, works, and genres of Old and Middle English literature.									
A&S	ENG	ENG	3120	English Literature: 1500-1660	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
				Authors, works, and genres of Renaissance English literature.									
A&S	ENG	ENG	3120	English Literature: 1500-1660	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr									
				Authors, works, and genres of Renaissance English literature.									
A&S	ENG	ENG	3130	English Literature: 1660-1800	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of Restoration and 18th-century English literature studied in their cultural context.									
A&S	ENG	ENG	3130	English Literature: 1660-1800	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of Restoration and 18th-century English literature studied in their cultural context.									
A&S	ENG	ENG	3140	English Literature: 1800-1900	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of Romantic and Victorian English literature.									
A&S	ENG	ENG	3140	English Literature: 1800-1900	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of Romantic and Victorian English literature.									
A&S	ENG	ENG	3150	English Literature: 1900 to Present	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of British literature from 1900 to the present.									
A&S	ENG	ENG	3150	English Literature: 1900 to Present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of British literature from 1900 to the present.									
A&S	ENG	ENG	3210	American Literature to 1865	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of American literature from the beginnings through the Civil War.									
A&S	ENG	ENG	3210	American Literature to 1865	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of American literature from the beginnings through the Civil War.									
A&S	ENG	ENG	3220	American Literature: 1865-1918	LEC	EL	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of American literature from the end of the Civil War to the end of World War I.									
A&S	ENG	ENG	3220	American Literature: 1865-1918	LEC	LE	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
				Authors, works, and genres of American literature from the end of the Civil War to the end of World War I.									

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A&S	ENG	ENG	3230	American Literature: 1918 to Present	LEC	EL	3	0		N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Authors, works, and genres of American literature from the 20th- century to the present.									
A&S	ENG	ENG	3230	American Literature: 1918 to Present	LEC	LE	3	0		N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Authors, works, and genres of American literature from the 20th- century to the present.									
A&S	ENG	ENG	3240	Jewish American Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Studies in Jewish American literature from arrival in the 17th- century to the present; analysis of how Jewish American literature influences and is influenced by the classical canon of American literature and how Jewish American writers respond to the Jewish mandate - tikkum olam (to heal the world) - to place, environment, and the diaspora.									
A&S	ENG	ENG	3250	Women and Literature	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Surveys poetry, prose, and theoretical texts by women writers.									
A&S	ENG	ENG	3260	Lesbian and Gay Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Surveys lesbian, gay, bisexual, and transgendered (LGBT) literature with an emphasis on how LGBT identities and experiences have been represented in post-1900 literary discourse.									
A&S	ENG	ENG	3260	Lesbian and Gay Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Surveys lesbian, gay, bisexual, and transgendered (LGBT) literature with an emphasis on how LGBT identities and experiences have been represented in post-1900 literary discourse.									
A&S	ENG	ENG	3270	Queer Rhetorics and Writing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Attention will be paid to rhetorical (intent, purpose, and audience) and composing contexts of queer writings including social and political issues facing queer writers. The term queer will be considered as a term that emerges both in opposition to and in support of gay identities. Readings for discussion and analysis might include a variety of texts such as narrative, memoir, graphic novels, and academic research and theory.									
A&S	ENG	ENG	3270	Queer Rhetorics and Writing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Attention will be paid to rhetorical (intent, purpose, and audience) and composing contexts of queer writings including social and political issues facing queer writers. The term queer will be considered as a term that emerges both in opposition to and in support of gay identities. Readings for discussion and analysis might include a variety of texts such as narrative, memoir, graphic novels, and academic research and theory.									
A&S	ENG	ENG	3280	Women's Rhetorics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Surveys persuasive writing by women in every historical epoch from B.C.E. to the present. Although the focus is on Western rhetorics, attention will be paid to rhetorics beyond the Western canon. We will address how and why women's rhetorics have been excluded from the rhetorical canon until recently, when revisionist histories have redefined rhetoric to include them.									
A&S	ENG	ENG	3280	Women's Rhetorics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Surveys persuasive writing by women in every historical epoch from B.C.E. to the present. Although the focus is on Western rhetorics, attention will be paid to rhetorics beyond the Western canon. We will address how and why women's rhetorics have been excluded from the rhetorical canon until recently, when revisionist histories have redefined rhetoric to include them.									
A&S	ENG	ENG	3290	Rhetoric and Law	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Rhetoric and law were interdependent in Ancient Greece. This course introduces students to rhetorical concepts and appeals that remain critical to the practice of American law as they arise out of western rhetorical history. Legal concepts from other cultures will provide further context. The course will also introduce rhetorical analytical methods for understanding the textual features of law and policy through concepts such as stasis theory, audience, appeals, and common ground. Assignments might include rhetorical analyses of legal documents, presentation of legal cases, analyzing an important legal decision, analyzing the impact of particular laws on issues of race, class, gender, orientation or disability. Students will study written rhetorical and textual features of legal genres.									

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A&S	ENG	ENG	3290	Rhetoric and Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I English									
		COURSE DESC:		Rhetoric and law were interdependent in Ancient Greece. This course introduces students to rhetorical concepts and appeals that remain critical to the practice of American law as they arise out of western rhetorical history. Legal concepts from other cultures will provide further context. The course will also introduce rhetorical analytical methods for understanding the textual features of law and policy through concepts such as stasis theory, audience, appeals, and common ground. Assignments might include rhetorical analyses of legal documents, presentation of legal cases, analyzing an important legal decision, analyzing the impact of particular laws on issues of race, class, gender, orientation or disability. Students will study written rhetorical and textual features of legal genres.									
A&S	ENG	ENG	3300	Ecological Discourses in English Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Explores the discourses, theories and practices of ecologically-oriented movements, genres, and intellectual areas that are influencing English Studies. Examines a range of ecological positions, including mainstream environmentalism, deep ecology, ecofeminism, and social ecology. Our method will be to discuss and practice criticism of literary and cultural texts, including rhetorical studies of ecological texts, rhetoric, and popular culture expression. Course study will employ rhetorical theories as a productive tool for identifying recurring motifs, conflicts, concepts, and material realities at stake in artistic and rhetorical expressions about the ecology and human relations within it, and how writers and film makers make strategic appeals to specific audiences. Topics may include issues of representing nature, the separation of nature and culture, relationships between place and identity, issues of development, technology, indigenous cultures, and environmental justice. Our readings will include book excerpts, environmental writing, and rhetoric, fiction, poetry, visual, and online texts.									
A&S	ENG	ENG	3310	Studies in Asian Literatures I: Beginnings to 1850	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Introduces Asian Literatures from the beginnings to 1850, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.									
A&S	ENG	ENG	3310	Studies in Asian Literatures I: Beginnings to 1850	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Introduces Asian Literatures from the beginnings to 1850, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.									
A&S	ENG	ENG	3320	Studies in Asian Literature II	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Introduces Asian literatures from 1850 to the present, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.									
A&S	ENG	ENG	3320	Studies in Asian Literature II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Introduces Asian literatures from 1850 to the present, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.									
A&S	ENG	ENG	3340	Israeli Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Israel is a young country whose writers have inherited an old, complex history. We will study the role of memory, ethics, the diaspora, and aesthetics in Israeli literature.									
A&S	ENG	ENG	3340	Israeli Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Israel is a young country whose writers have inherited an old, complex history. We will study the role of memory, ethics, the diaspora, and aesthetics in Israeli literature.									
A&S	ENG	ENG	3350	Irish Literature	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I English									
		COURSE DESC:		The course focuses on the rich literary tradition of Ireland. For such a small country, Ireland boasts some of the biggest names in literary history, including four Nobel Prize winners; George Bernard Shaw, W.B. Yeats, Samuel Beckett and Seamus Heaney. This class focuses on introducing students to the rich literary tradition of Ireland beginning with an examination of Irish myths and legends as well as examining texts from the Irish Literary Renaissance through the twenty-first century. Irish literature is haunted by its political, linguistic and cultural history as well as the geography of Ireland itself, and therefore, this course explores the shaping influences of politics, language, culture and geography alongside the exploration of examples of Irish literature. Readings include early Irish legends and myths as well as texts from the nineteenth through the twenty-first century. Some of the authors explored in this course include W.B. Yeats, Lady Gregory, Edna O'Brien and Seamus Heaney.									
A&S	ENG	ENG	3370	African American Literature to 1930	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)									
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature up to 1930									

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A&S	ENG	ENG	3370	African American Literature to 1930	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature up to 1930									
A&S	ENG	ENG	3390	African American Literature from 1930 to the Present	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature from 1930 to the present.									
A&S	ENG	ENG	3390	African American Literature from 1930 to the Present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature from 1930 to the present.									
A&S	ENG	ENG	3400	Introduction to Analysis of Moving Image Texts	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200						
		COURSE DESC:		Introduction to analysis of moving image texts including film, television, and video.									
A&S	ENG	ENG	3400	Introduction to Analysis of Moving Image Texts	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200						
		COURSE DESC:		Introduction to analysis of moving image texts including film, television, and video.									
A&S	ENG	ENG	3490	History of Books and Printing	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Introduction to history of the book and its place in development of Western culture from ancient world to present. Approach is primarily historical, cultural, and aesthetic.									
A&S	ENG	ENG	3500	Grammar, Mechanics, and Usage	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Grammatical understanding and awareness of relationships in sentence structure, usage, and punctuation.									
A&S	ENG	ENG	3510	The History of the English Language	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		1 course above ENG D160						
		COURSE DESC:		Examines changes affecting English; sound patterns, grammatical forms, vocabulary, and semantic values.									
A&S	ENG	ENG	3510	The History of the English Language	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		1 course above ENG D160						
		COURSE DESC:		Examines changes affecting English; sound patterns, grammatical forms, vocabulary, and semantic values.									
A&S	ENG	ENG	3550	Studies in World Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Presents a mosaic of texts to acquaint students with the literature of Africa, Asia, the Caribbean, Eastern European, and Latin America. Designed to provide samples of diverse writing from different historical, cultural, and socio-political contexts. Emphasizes shorter texts (short stories, poems, novellas, plays) to better acquaint students with at least two of the various regions.									
A&S	ENG	ENG	3550	Studies in World Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Presents a mosaic of texts to acquaint students with the literature of Africa, Asia, the Caribbean, Eastern European, and Latin America. Designed to provide samples of diverse writing from different historical, cultural, and socio-political contexts. Emphasizes shorter texts (short stories, poems, novellas, plays) to better acquaint students with at least two of the various regions.									
A&S	ENG	ENG	3560	Young Adult Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		(ENG 2010 or 2020 or 250 or 2 courses above ENG 200)						
		COURSE DESC:		Examines the historical development and characteristics of young adult literature, including a focus on methods of instruction.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3570	Law and Literature	LEC	EL	3	0	2HL	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I English									
		COURSE DESC:		This course examines the relationship between law and literature, beginning by focusing on their similarities in techniques and goals before moving to an exploration of how they approach questions of justice, morality, and fairness in very different ways. The course will explore how law and literature perform complementary yet often opposing functions in culture and society. Our readings in literary texts will explore the various ways that literature and law interact, as literature will be observed both to illuminate the workings of justice and its assumptions for readers as well as addressing flaws in legal systems, often turning readers against the laws that govern them and challenging citizen-readers to demand that their laws actually be just and equitable.									
A&S	ENG	ENG	3570	Law and Literature	LEC	LE	3	0	2HL	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I English									
		COURSE DESC:		This course examines the relationship between law and literature, beginning by focusing on their similarities in techniques and goals before moving to an exploration of how they approach questions of justice, morality, and fairness in very different ways. The course will explore how law and literature perform complementary yet often opposing functions in culture and society. Our readings in literary texts will explore the various ways that literature and law interact, as literature will be observed both to illuminate the workings of justice and its assumptions for readers as well as addressing flaws in legal systems, often turning readers against the laws that govern them and challenging citizen-readers to demand that their laws actually be just and equitable.									
A&S	ENG	ENG	3610	Creative Writing: Fiction	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 200 or 201 or 250 or 2010 or 2020									
		COURSE DESC:		Beginning course in writing short fiction with emphasis on invention, craft, and criticism of student writing and published fiction.									
A&S	ENG	ENG	3620	Creative Writing: Poetry	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 200 or 202 or 250 or 2010 or 2020									
		COURSE DESC:		Beginning course in writing poetry with emphasis on invention, craft, and criticism of student writing and published poetry.									
A&S	ENG	ENG	3630	Creative Writing: Nonfiction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 200 or 201 or 250 or 2010 or 2020									
		COURSE DESC:		Beginning course in writing nonfiction with emphasis on invention, craft, and criticism of student writing and published nonfiction.									
A&S	ENG	ENG	3650	Introduction to Literary Editing and Publishing	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3610 or 3620 or 3630									
		COURSE DESC:		An introduction to the issues and practices of literary magazine editing and publishing, with an examination of both print journals and web-based magazines.									
A&S	ENG	ENG	3820	Rhetorical Approaches to Writing	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 and (Soph or Jr or Sr)									
		COURSE DESC:		Applying rhetorical theories and methods to various genres of writing, using rhetorical perspectives to analyze genres and produce texts. Examples might include speeches, memoirs, web sites, email, visual texts, editorials, and reviews, etc. The focus is on how different genres make persuasive appeals given their rhetorical situations and history. Engages students in formal and informal writing, writing to learn, critical reading, and critical thinking.									
A&S	ENG	ENG	3820	Rhetorical Approaches to Writing	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 and (Soph or Jr or Sr)									
		COURSE DESC:		Applying rhetorical theories and methods to various genres of writing, using rhetorical perspectives to analyze genres and produce texts. Examples might include speeches, memoirs, web sites, email, visual texts, editorials, and reviews, etc. The focus is on how different genres make persuasive appeals given their rhetorical situations and history. Engages students in formal and informal writing, writing to learn, critical reading, and critical thinking.									
A&S	ENG	ENG	3830	Politics and Literacy: Issues of Race, Class and Gender	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Designed to explore political, social, historical, and educational perspectives of literacy. Students will read about how historians and theorists have defined the impact of literacy on cultures and individuals. They will read and discuss how literacy has been used as a tool for empowerment and for oppression. An important focus of the class entails examining how a student's experiences with literacy are often shaped by race, social class, and gender. The collection of readings on literacy also covers broad themes, including technologies and literacy, histories of literacy in the U.S., power, privilege, and discourse, and literacy in the work place.									
A&S	ENG	ENG	3830	Politics and Literacy: Issues of Race, Class and Gender	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Designed to explore political, social, historical, and educational perspectives of literacy. Students will read about how historians and theorists have defined the impact of literacy on cultures and individuals. They will read and discuss how literacy has been used as a tool for empowerment and for oppression. An important focus of the class entails examining how a student's experiences with literacy are often shaped by race, social class, and gender. The collection of readings on literacy also covers broad themes, including technologies and literacy, histories of literacy in the U.S., power, privilege, and discourse, and literacy in the work place.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3850	Writing About Culture and Society	SEM	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 and (Soph or Jr or Sr)									
		COURSE DESC:		Writing about cultural issues and artifacts and how they function rhetorically in our society. Different sections might focus on particular issues or artifacts; popular culture, sports, sexuality, etc. Engages students in formal writing, informal writing, writing to learn, critical reading, and critical thinking.									
A&S	ENG	ENG	3850	Writing About Culture and Society	SEM	SE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 1510 and (Soph or Jr or Sr)									
		COURSE DESC:		Writing about cultural issues and artifacts and how they function rhetorically in our society. Different sections might focus on particular issues or artifacts; popular culture, sports, sexuality, etc. Engages students in formal writing, informal writing, writing to learn, critical reading, and critical thinking.									
A&S	ENG	ENG	3860	Composing in New Media	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Explores the expansion of written communication through emerging technologies called 'new media.' Readings will explore the relationships among new media, rhetoric, literacy, and textual genres. Various examples will be analyzed and related to the theoretical readings. Students will explore the implications of widespread computer use and compose projects that explore the multiple modes of digital composition.									
A&S	ENG	ENG	3950	Creative Writing Workshop: Nonfiction	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3630									
		COURSE DESC:		Instruction and practice in writing nonfiction prose, with attention to memoir, literary journalism, and literary essays.									
A&S	ENG	ENG	3960	Creative Writing Workshop: Short Story	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3610									
		COURSE DESC:		Instruction and practice in fiction writing, concentrating on narrative, character, and setting.									
A&S	ENG	ENG	3970	Intermediate Creative Writing Workshop: Poetry	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3620									
		COURSE DESC:		Instruction and practice in poetry writing, for students who have completed an introductory workshop in poetry. Students will study a variety of modern and contemporary poems, and further develop their understanding of what can be done in poems, through a series of writing exercises.									
A&S	ENG	ENG	3970T	Specialized Tutorial I	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ENG 2970T and HTC									
		COURSE DESC:		PR Focus is on a specialized area of study, leading toward the production of a thesis, with any Group I, II, or IV faculty member in the English Department. Focus may be in literature (American, British, Cross-cultural or Multi-ethnic), creative writing (poetry, fiction, non-fiction), rhetoric/composition, or English education. Topic of study and reading list are created jointly by student and tutor and approved by DOS.									
A&S	ENG	ENG	3980	Critical Theory for Multi-Ethnic/Cross-Cultural Studies	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200									
		COURSE DESC:		Examines theoretical texts and contexts in order to explore issues of power and inequality embedded in various modes of cultural representation. Students will develop a working understanding of multiple theoretical approaches to the intersections among race, ethnicity, class, gender, sexuality, nationality, transnationalism, immigration, and colonialism-postcolonialism-neocolonialism.									
A&S	ENG	ENG	3980	Critical Theory for Multi-Ethnic/Cross-Cultural Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200									
		COURSE DESC:		Examines theoretical texts and contexts in order to explore issues of power and inequality embedded in various modes of cultural representation. Students will develop a working understanding of multiple theoretical approaches to the intersections among race, ethnicity, class, gender, sexuality, nationality, transnationalism, immigration, and colonialism-postcolonialism-neocolonialism.									
A&S	ENG	ENG	3980T	Specialized Tutorial II	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ENG 2970T and HTC									
		COURSE DESC:		PR Focus is on specialized area of study, leading toward production of thesis, with any Group I, II, or IV faculty member in the English Department. Focus may be in literature (American, British, Cross-cultural or Multi-ethnic), creative writing (poetry, fiction, non-fiction), rhetoric/composition, or English education.									
A&S	ENG	ENG	3990	Literary Theory	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200									
		COURSE DESC:		Introduction to the work of writers, philosophers, and theorists whose voices have been influential in contemporary literary and cultural theory.									
A&S	ENG	ENG	3990	Literary Theory	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200									
		COURSE DESC:		Introduction to the work of writers, philosophers, and theorists whose voices have been influential in contemporary literary and cultural theory.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	4470	Studies in Criticism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 2010 or 2020) and 1 course above ENG 3000							
		COURSE DESC:		Problems in critical theory.									
A&S	ENG	ENG	4500	Postcolonial and Transnational Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 2010 or 2020) and 1 course above ENG 3000							
		COURSE DESC:		Critical approaches to postcolonial and/or transnational literatures from around the globe, especially Africa, South Asia, the Caribbean, and Eastern Europe									
A&S	ENG	ENG	4500	Postcolonial and Transnational Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 2010 or 2020) and 1 course above ENG 3000							
		COURSE DESC:		Critical approaches to postcolonial and/or transnational literatures from around the globe, especially Africa, South Asia, the Caribbean, and Eastern Europe									
A&S	ENG	ENG	4510	Teaching Language and Composition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3500 and EDTE 3730							
		COURSE DESC:		Content and methods of presentation for teaching language and composition in high school. Not applicable to Arts and Sciences 200-level requirement.									
A&S	ENG	ENG	4520	Teaching Literature in Secondary Schools	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3500 and EDTE 3730							
		COURSE DESC:		Content and methods of presentation for teaching literature in high school. Not applicable to Arts and Sciences 200-level requirement.									
A&S	ENG	ENG	4560	Readings in Children's Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200							
		COURSE DESC:		A survey of selected types of literature for children from infancy to early adolescence. The main focus is the literary and, in the case of books with illustrations, the graphic characteristics of various genres of children's literature. Another focus is children's experiences with literature. Some attention will be given to activities and strategies that promote and enhance children's reading and guide them toward meaningful and satisfying experiences with literature.									
A&S	ENG	ENG	4560	Readings in Children's Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200							
		COURSE DESC:		A survey of selected types of literature for children from infancy to early adolescence. The main focus is the literary and, in the case of books with illustrations, the graphic characteristics of various genres of children's literature. Another focus is children's experiences with literature. Some attention will be given to activities and strategies that promote and enhance children's reading and guide them toward meaningful and satisfying experiences with literature.									
A&S	ENG	ENG	4600	Topics in English Studies	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 3070J or 254) and Sr only							
		COURSE DESC:		Capstone course in English studies, giving concentrated attention to a particular topic, e.g., a theme, mode of writing, or theoretical question.									
A&S	ENG	ENG	4640	British Authors	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 3070J or 254) and Sr only							
		COURSE DESC:		Capstone course in English studies, giving concentrated attention to a particular author or set of authors.									
A&S	ENG	ENG	4650	American Authors	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 3070J or 254) and Sr only							
		COURSE DESC:		Capstone course in English studies, giving concentrated attention to a particular author or set of authors.									
A&S	ENG	ENG	4660	International Authors	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 3070J or 254) and Sr only							
		COURSE DESC:		Capstone course in English studies, giving concentrated attention to a particular author or set of authors.									
A&S	ENG	ENG	4810	Form and Theory of Literary Genres: Fiction	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)							
		COURSE DESC:		Thorough study of an issue in contemporary fiction-writing, exemplified in selected stories and novels, studied in light of selected critical texts.									
A&S	ENG	ENG	4820	Form and Theory of Literary Genres: Poetry	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)							
		COURSE DESC:		Thorough study of certain issues in the understanding of poetry, with emphasis on choices that poets have to make; for instance, between formal verse and free verse, or between elevated diction and colloquial diction.									
A&S	ENG	ENG	4830	Form and Theory of Literary Genres: Nonfiction	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)							
		COURSE DESC:		Thorough study of selected issues in the writing of creative nonfiction, including essays and/or memoirs, exemplified in a range of classic and/or contemporary texts.									
A&S	ENG	ENG	4860	Advanced Workshop in Fiction	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3610 and 3960							
		COURSE DESC:		Seminar content varies. For students who have completed two fiction workshops and are ready for more ambitious writing projects. May be focused on the challenges of novel-writing.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	4870	Advanced Workshop in Poetry	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3970									
		COURSE DESC:		An advanced workshop for students who have completed the introductory and intermediate poetry workshops and who seek more difficult challenges in the genre.									
A&S	ENG	ENG	4880	Advanced Workshop in Nonfiction	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3630 and 3950									
		COURSE DESC:		This is the third in the sequence of three nonfiction writing workshops. Students will be expected to produce at least three essays in workshop, participate in advanced readings in the form, and submit a final portfolio.									
A&S	ENG	ENG	4900	Special Topics in English	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	4900	Special Topics in English	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	4910	English Internship	INT	IN	1 to 9	9		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required of internship coordinator and Sr only									
		COURSE DESC:		PR, F Provides qualified students with opportunity to learn through working at selected host institutions.									
A&S	ENG	ENG	4911	Field Experience in Secondary English/Language and Composition	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 4510 concurrent									
		COURSE DESC:		Field experience to provide practical applications of materials, methods, and techniques of language and composition instruction as appropriate in various secondary school settings. Students will observe classroom teachers and carry out various instructional tasks as the cooperating teachers deem appropriate.									
A&S	ENG	ENG	4912	Field Experience in Secondary English/Literature	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 4520 concurrent									
		COURSE DESC:		Field experience to provide practical application of materials, methods, and techniques of literature instruction as appropriate in various secondary school settings. Students will observe classroom teachers and carry out various instructional tasks as the cooperating teachers deem appropriate.									
A&S	ENG	ENG	4930	Independent Reading	IND	EL	3	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Directed individual reading and research.									
A&S	ENG	ENG	4930	Independent Reading	IND	IS	3	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Directed individual reading and research.									
A&S	ENG	ENG	4940	Research Apprenticeship in English Studies	RSC	RS	1 to 9	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: ENG 3070J and (jr or sr) and permission required									
		COURSE DESC:		PR, F Provides qualified students the opportunity to learn and practice skills needed for advanced research in English studies through participation in a faculty member's ongoing scholarly work; may involve either skilled research assistance or collaborative authorship.									
A&S	ENG	ENG	4970T	Thesis Tutorial I	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 2970T and HTC									
		COURSE DESC:		First semester of year-long project of producing a major scholarly or creative work of high quality reflecting the student's special interests. The focus is on research, theoretical grounding, creative productivity, and organization of materials. Weekly meetings with tutor, including presentation of drafts of in-progress material.									
A&S	ENG	ENG	4980T	Thesis Tutorial II	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ENG 2970T and HTC									
		COURSE DESC:		PR Second semester of year-long project of producing a major scholarly or creative work of high quality reflecting the student's special interests. In this tutorial, focus is on completing and revising the thesis. Weekly meetings with tutor, including presentation of work in progress and revisions.									
A&S	ENG	ENG	4990H	English Departmental Honors	TUT	TU	3	9		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and Sr only									
		COURSE DESC:		PR Completion of individual thesis or creative writing project for B.A. with Honors in English.									

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COURSE LISTING
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A&S	ENG	ENG	5010	Anglo-Saxon	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		A reading course in Anglo-Saxon language and literature.									
A&S	ENG	ENG	5020	Old English Poetry	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ENG 5010									
		COURSE DESC:		An introduction to the poetry written in England between 650 and 1100.									
A&S	ENG	ENG	5030	English Language	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Sounds, inflections, syntax, and vocabulary of English from 1000 to present.									
A&S	ENG	ENG	5040	American English	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		An overview of the origins and development of American English.									
A&S	ENG	ENG	5050	Old Norse Language and Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		An introduction to Old Norse and to the Icelandic Sagas in the original language.									
A&S	ENG	ENG	5080	Teaching Writing and Critical Inquiry	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduces students and teachers to writing-to-learn theories, concepts, and strategies central to the teaching of writing. To familiarize teachers with how writing-to-learn strategies can work, we will begin each class by engaging in informal writing exercises. Writing-to-learn concepts allow teachers to imagine curricula where writing creates knowledge, where ties to reading, writing, and thinking lead to inquiry, and where teachers integrate critical engagement through writing with various kinds of sources, from library sources to popular culture. Teachers will apply both theory and practice in the classroom and will design assignments that promote critical inquiry. Usually for students attending the Appalachian Writing Project.									
A&S	ENG	ENG	5090	Medieval English Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A seminar in the literature of medieval England (7th- through 15th- centuries).									
A&S	ENG	ENG	5100	Teaching Literature	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course is intended for secondary school English teachers, focusing on classroom approaches to literature in English.									
A&S	ENG	ENG	5110	The 18th-Century English Novel	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of the novel form in the 18th- century. Defoe through Austen.									
A&S	ENG	ENG	5120	The 19th-Century Novel	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		A study of the various forms of the English novel developing during the 19th- century.									
A&S	ENG	ENG	5130	Early Modern British Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Genres and authors of literature written during the English Renaissance, 1500-1700.									
A&S	ENG	ENG	5140	The Works of Edmund Spenser	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Selected topics in the works of Spenser.									
A&S	ENG	ENG	5160	Teaching Oral Language	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Intended for secondary school English teachers. It explores the varieties of spoken English present in the secondary school classroom and pedagogical strategies that acknowledge those varieties and focuses on Appalachian English and African American English.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5170	The Works of John Milton	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Topics in the life and works of John Milton									
A&S	ENG	ENG	5180	Literature of the English Restoration	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in the literature of England after the restoration of the monarchy.									
A&S	ENG	ENG	5190	The Literature of 18th-Century England	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in the literature of 18th-century England.									
A&S	ENG	ENG	5210	Teaching Drama	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Teaching of drama intended for secondary school teachers of language arts.									
A&S	ENG	ENG	5220	The Works of Chaucer	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An introduction to the origins, sources, language, and themes of Geoffrey Chaucer's works (1342-1400).									
A&S	ENG	ENG	5230	Literature of the Romantic Period	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in English Romanticism.									
A&S	ENG	ENG	5240	The Works of William Shakespeare	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with the works of William Shakespeare.									
A&S	ENG	ENG	5250	Victorian Poetry	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in the literature of Victorian England.									
A&S	ENG	ENG	5260	19th-Century Prose	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Topics in the prose literature of 19th-century England.									
A&S	ENG	ENG	5300	American Literature 1776-1865	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American literature through the Civil War with an emphasis on works by American Indians.									
A&S	ENG	ENG	5310	Major Medieval Genre	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in Medieval Literature (course varies on needs of students and instructor interest).									
A&S	ENG	ENG	5320	Renaissance Drama excluding Shakespeare	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in Renaissance Drama. Student will explore writers other than Shakespeare who impacted the period.									
A&S	ENG	ENG	5330	American Literature 1865-1918	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American Literature between the Civil War and WWI.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5350	African American Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in African American literature (course varies based on instructor and student interest).									
A&S	ENG	ENG	5360	Critical Theory I	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to critical theory.									
A&S	ENG	ENG	5370	Critical Theory II	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in critical theory.									
A&S	ENG	ENG	5400	Studies in Comparative Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Studies in the fiction and lyric poetry of more than one literary and historical tradition.									
A&S	ENG	ENG	5510	Teaching Language and Composition	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Content and methods of presentation for teaching language and composition in high school. Not applicable to Arts and Sciences 200-level requirement.									
A&S	ENG	ENG	5520	Teaching Literature in Secondary Schools	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Content and methods of presentation for teaching literature in high school. Not applicable to Arts and Sciences 200-level requirement.									
A&S	ENG	ENG	5560	Young Adult Literature	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the historical development and characteristics of young adult literature, including a focus on methods of instruction.									
A&S	ENG	ENG	5690	Later 18th- Century	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Studies in the fiction and lyric poetry of late 18th- century English literature.									
A&S	ENG	ENG	5700	Literature of the Romantic Period	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with the Romantic Period.									
A&S	ENG	ENG	5710	20th-Century American Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with modernism and the 20th- century in the United States.									
A&S	ENG	ENG	5720	20th-Century Literature: Modernism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with modernism and the 20th- century.									
A&S	ENG	ENG	5730	20th-Century Literature: Post-Modernism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with postmodernity and the 20th- century									
A&S	ENG	ENG	5850	History of Books and Printing	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Broad introduction to history of the book and its place in development of Western culture from ancient world to present.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5870	Theory and Practice of Writing Center Tutoring	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is for current writing tutors and others who want to deepen their knowledge of writing center theory and tutoring practice. The course surveys the history of the writing center movement, examines current tutoring pedagogies, and provides students with opportunities to improve their tutoring pedagogy through observation and role play. The course also examines strategies for adapting tutoring pedagogies for different client populations.									
A&S	ENG	ENG	5880	Professionalization for Graduate Students in English	DIS	DI	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F		REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.									
A&S	ENG	ENG	5880	Professionalization for Graduate Students in English	LEC	LE	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F		REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.									
A&S	ENG	ENG	5880	Professionalization for Graduate Students in English	SEM	SE	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F		REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.									
A&S	ENG	ENG	5890	Teaching College English	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed for teaching associates who have full responsibility for their own sections of ENG 1510. Goals include introducing the theories and practices related to the first-year writing program at Ohio University; reading and responding to articles by scholars in composition studies in order to understand 'best practices' for teaching writing; encouraging teachers to develop their own theoretically-based goals for teaching writing; and working collaboratively to share and address practical problems in teaching.									
A&S	ENG	ENG	5900	Special Topics in English	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	5900	Special Topics in English	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	5911	Field Experience in Secondary English/Language and Composition	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Field experience to provide practical applications of materials, methods, and techniques of language and composition instruction as appropriate in various secondary school settings. Students will observe classroom teachers and carry out various instructional tasks as the cooperating teachers deem appropriate.									
A&S	ENG	ENG	5912	Field Experience in Secondary English/Literature	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Field experience to provide practical application of materials, methods, and techniques of literature instruction as appropriate in various secondary school settings. Students will observe classroom teachers and carry out various instructional tasks as the cooperating teachers deem appropriate.									
A&S	ENG	ENG	5915	Internship	INT	IN	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F		REQUISITE:							
		COURSE DESC:		On the job experience in Ohio University offices and elsewhere. Coordinated and evaluated by graduate chair and director of office in which student is placed.									
A&S	ENG	ENG	5930	Independent Reading	IND	IS	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Directed individual reading and research.									
A&S	ENG	ENG	5950	Introduction to English Studies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Enumerative and descriptive bibliography, and methods of criticism and scholarship in English studies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5960	Bibliography and Methods	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Enumerative and descriptive bibliography, and methods of criticism and scholarship in English studies.									
A&S	ENG	ENG	5970	Teaching College English	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Designed for teaching associates who have full responsibility for their own sections of ENG 151. Goals include introducing the theories and practices related to the first-year writing program at Ohio University, reading articles by scholars in composition studies to understand 'best practices' for teaching writing, inviting teachers to develop their own theoretically-based goals for teaching writing, working collaboratively to share and address practical problems in teaching.									
A&S	ENG	ENG	5970	Teaching College English	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Designed for teaching associates who have full responsibility for their own sections of ENG 151. Goals include introducing the theories and practices related to the first-year writing program at Ohio University, reading articles by scholars in composition studies to understand 'best practices' for teaching writing, inviting teachers to develop their own theoretically-based goals for teaching writing, working collaboratively to share and address practical problems in teaching.									
A&S	ENG	ENG	5980	History of Composition	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:		CR							
		COURSE DESC:		An introduction to the teaching of undergraduate composition courses.									
A&S	ENG	ENG	5990	Major Rhetorical Theories and Teaching of Composition	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Introduction to major rhetorical theories underlying modern composition pedagogy.									
A&S	ENG	ENG	6900	Special Topics in English	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	6900	Special Topics in English	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	6910	Apprenticeship in Teaching Literature	INT	IN	4	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Experience in teaching upper-level undergraduate literature courses in specialized areas by observing and teaching with outstanding graduate instructors.									
A&S	ENG	ENG	6930	Master's Essay	IND	EL	1 to 10	120		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Preparation of master's essay prospectus: topic, review of relevant criticism, and methodology to be used in the essay.									
A&S	ENG	ENG	6930	Master's Essay	IND	IS	1 to 10	120		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Preparation of master's essay prospectus: topic, review of relevant criticism, and methodology to be used in the essay.									
A&S	ENG	ENG	6950	Thesis	THE	TH	1 to 15	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Preparation of master's essay prospectus: topic, review of relevant criticism, and methodology to be used in the essay. Writing the thesis.									
A&S	ENG	ENG	6970	Creative Writing Workshop: Poetry	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	6980	Creative Writing Workshop: Nonfiction	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.									
A&S	ENG	ENG	6985	History of the Essay	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Surveys the history of the essay and its varieties: familiar, literary, philosophical, critical, theoretical, and personal.									
A&S	ENG	ENG	6990	Creative Writing Workshop: Fiction	SEM	SE	4	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.									
A&S	ENG	ENG	7000	Creative Writing Workshop: Multi-Genre	SEM	EL	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Workshop on the major genres (poetry, fiction, nonfiction) with an emphasis on the practice and criticism of creative writing.									
A&S	ENG	ENG	7000	Creative Writing Workshop: Multi-Genre	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Workshop on the major genres (poetry, fiction, nonfiction) with an emphasis on the practice and criticism of creative writing.									
A&S	ENG	ENG	7030	English Language	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Charts the history and development of the English language, grammar, etymology, and literature.									
A&S	ENG	ENG	7090	Medieval Language and Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Charts the history and development of the Medieval language, grammar, etymology, and literature.									
A&S	ENG	ENG	7100	Chaucer	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Charts the literature and historical context of Geoffrey Chaucer.									
A&S	ENG	ENG	7110	The 18th-Century Novel	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of the novel form in the 18th- century. Defoe through Austen.									
A&S	ENG	ENG	7130	Early Modern British Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Selected topics in English literature of the Early Modern period.									
A&S	ENG	ENG	7140	Spenser	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		An introduction to Edmund Spenser; his time and his language.									
A&S	ENG	ENG	7150	Theory of Teaching Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Discussions of theoretical and practical problems of teaching literature in colleges and universities.									
A&S	ENG	ENG	7170	Milton	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Selected topics in the study of John Milton (varies based on student and instructor interest).									
A&S	ENG	ENG	7180	Restoration	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Selected topics in the English Restoration.									

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A&S	ENG	ENG	7190	18th-Century Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in the literature of 18th-century England.									
A&S	ENG	ENG	7230	Romanticism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in English Romanticism.									
A&S	ENG	ENG	7240	Shakespeare	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in Shakespeare (varies based on instructor and student interest).									
A&S	ENG	ENG	7250	Victorian Poetry	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study in specific critical and historical problems connected with Victorian poetry.									
A&S	ENG	ENG	7270	20th-Century Literature/Modernism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in 20th- century literature (varies based on instructor and student interest).									
A&S	ENG	ENG	7280	20th-Century Literature/Postmodernism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in 20th- century literature after WWII (varies based on instructor and student interest).									
A&S	ENG	ENG	7290	American Literature to 1776	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American literature in the United States (varies based on instructor and student interest).									
A&S	ENG	ENG	7300	American Literature 1776-1865	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American literature through the Civil War with an emphasis on works by American Indians.									
A&S	ENG	ENG	7300	American Literature 1776-1865	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American literature through the Civil War with an emphasis on works by American Indians.									
A&S	ENG	ENG	7330	American Literature 1865-1918	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in American Literature between the Civil War and WWI.									
A&S	ENG	ENG	7340	20th-Century American Literature	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in 20th- century literature (varies based on instructor and student interest).									
A&S	ENG	ENG	7650	Theory of Literature	SEM	EL	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigations into form and theory of literature and problems of practical literary criticism. Sections offered annually in poetry, fiction, and nonfiction.									
A&S	ENG	ENG	7650	Theory of Literature	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigations into form and theory of literature and problems of practical literary criticism. Sections offered annually in poetry, fiction, and nonfiction.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	7770	Colloquium on the Profession of English	SEM	SE	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Prepares doctoral students for the profession of college teaching and research in English.									
A&S	ENG	ENG	7800	Special Studies Seminar	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics in literature, theory, creative writing, and rhetoric/composition.									
A&S	ENG	ENG	7810	Professional Issues in Teaching College English	SEM	SE	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Colloquium for apprentice teachers designed to explore alternative approaches to classroom planning and presentation. Encourages exchange of ideas and problems among teachers; evaluation methods, syllabi, and texts; development of a sense of professionalism in teaching.									
A&S	ENG	ENG	7940	Research	RSC	RS	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Covers period when student is doing necessary research for prospectus. Also used to cover special research courses, e.g., problems in editing, problems in historical research, etc.									
A&S	ENG	ENG	7950	Rhetoric in Reading	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides an introduction to a range of texts applicable to the study of writer's products, processes, and social contexts.									
A&S	ENG	ENG	7960	Rhetorical Traditions and Theories	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Relates classical rhetorical theory to developments in contemporary rhetorical theory, criticism, practice, methodology, and pedagogy.									
A&S	ENG	ENG	7970	New Media Composition in English Studies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing									
		COURSE DESC:		Focuses on the impact computer media has had and is having on verbal and visual communication, the nature and boundaries of texts, reading, literacy and college English pedagogy. We will explore the use of newer forms of composition and communication (rhetorical, artistic and in between) in "new media": hypertext, blogs, wikis, games, social media, YouTube, and rhetorically interesting web sites and read and discuss a variety of scholarship and examples.									
A&S	ENG	ENG	7980	History and Theories of Composition	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines composition studies in the context of English Studies, specifically its the cultural and material conditions and its ideological and theoretical assumptions.									
A&S	ENG	ENG	7980	History and Theories of Composition	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines composition studies in the context of English Studies, specifically its the cultural and material conditions and its ideological and theoretical assumptions.									
A&S	ENG	ENG	7990	Research Methods in Rhetoric and Composition	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing									
		COURSE DESC:		Provides an introduction to a range of empirical methods for the study of writer's products, processes, and social contexts.									
A&S	ENG	ENG	8900	Special Topics in English	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	8900	Special Topics in English	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	ENG	8950	Dissertation	THE	TH	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		For Ph.D. students engaged in writing their dissertation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	HUM	2070	Humanities : Great Books Ancient through Renaissance GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Classics of various genres of Greek, Roman, Biblical through Medieval and Renaissance periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.	LEC	EL	3	0	2HL	N	U10		0
A&S	ENG	HUM	2070	Humanities : Great Books Ancient through Renaissance GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Classics of various genres of Greek, Roman, Biblical through Medieval and Renaissance periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.	LEC	LE	3	0	2HL	N	U10		0
A&S	ENG	HUM	2080	Humanities: Post 17th- c. through Modern GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Classics of various genres of 17th- century through Modern periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.	LEC	EL	3	0	2HL	N	U10		0
A&S	ENG	HUM	2080	Humanities: Post 17th- c. through Modern GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Classics of various genres of 17th- century through Modern periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.	LEC	LE	3	0	2HL	N	U10		0
A&S	ENG	HUM	2170	Great Books of Asia, Ancient to Present GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Explores the cultures of India, China, and Japan through literature and relevant philosophies; major texts of other Asian countries may be added or substituted as well.	LEC	EL	3	0	2CP	N	U10		0
A&S	ENG	HUM	2170	Great Books of Asia, Ancient to Present GEC1: A-F REQUISITE: ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B COURSE DESC: Explores the cultures of India, China, and Japan through literature and relevant philosophies; major texts of other Asian countries may be added or substituted as well.	LEC	LE	3	0	2CP	N	U10		0
A&S	ENG	HUM	2900	Special Topics in Humanities GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U10		0
A&S	ENG	HUM	2900	Special Topics in Humanities GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U10		0
A&S	ENG	T3	4071	The Literacy Crisis: Origins and Effects GEC1: A-F REQUISITE: Sr only COURSE DESC: What is the literacy crisis? Our environment bombards us with increasing amounts of information: images, words, text. Those who speak of a literacy crisis assert that a large portion of the United States' population is overwhelmed by rising demands made on them and handicapped by inadequate literacy skills. This problem can be demonstrated by the poor performance of students on international tests of reading and writing, and employers' charges their workers cause accidents and decrease production because of limitations in their reading and writing skills. To assess the validity of these claims, this course reviews the historical development of literacy; the personal and professional applications of literacy; the power of literacy to effect change within the developing world; the educational strategies employed by U.S. schools to foster literacy skills; and the performance of students and workers on reading and writing tasks. The course also addresses the tensions that complicate efforts to establish a definitive standard for writing and reading skills. Some of these tensions arise from the evolving nature of reading and writing skills and from the demands made by various activities and professions on these same skills. Beyond the tensions produced by changes within literacy itself, other changes might arise from employers' efforts to acquire the most highly skilled workers at the lowest possible wage. Students critique the arguments for and against the existence of this crisis and suggest responses based on their views. Students also study literacy practices within their areas of study and propose solutions to literacy problems that arise within their disciplines.	LEC	EL	3	0	3	N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	T3	4071	The Literacy Crisis: Origins and Effects GEC1: A-F REQUISITE: Sr only What is the literacy crisis? Our environment bombards us with increasing amounts of information: images, words, text. Those who speak of a literacy crisis assert that a large portion of the United States' population is overwhelmed by rising demands made on them and handicapped by inadequate literacy skills. This problem can be demonstrated by the poor performance of students on international tests of reading and writing, and employers' charges their workers cause accidents and decrease production because of limitations in their reading and writing skills. To assess the validity of these claims, this course reviews the historical development of literacy; the personal and professional applications of literacy; the power of literacy to effect change within the developing world; the educational strategies employed by U.S. schools to foster literacy skills; and the performance of students and workers on reading and writing tasks. The course also addresses the tensions that complicate efforts to establish a definitive standard for writing and reading skills. Some of these tensions arise from the evolving nature of reading and writing skills and from the demands made by various activities and professions on these same skills. Beyond the tensions produced by changes within literacy itself, other changes might arise from employers' efforts to acquire the most highly skilled workers at the lowest possible wage. Students critique the arguments for and against the existence of this crisis and suggest responses based on their views. Students also study literacy practices within their areas of study and propose solutions to literacy problems that arise within their disciplines.	LEC	LE	3	0	3	N	U30		0
A&S	ENG	T3	4110	Kiss Me Deadly: American Detective Fiction and Film Noir GEC1: A-F REQUISITE: Sr only This course explores American detective fiction and film noir, a term that refers to certain "black" or darkly-lit American films of the 1940s and 1950s. It will examine classic examples of detective fiction and film noir as well as more contemporary examples of neo-noir. Although the emphasis will be on the aesthetic character of the texts under discussion, we will also investigate their historical and socio-cultural conditions of possibility as well as related issues of race and class, gender and sexuality, nation and ethnicity.	LEC	EL	3	0	3	N	U30		0
A&S	ENG	T3	4110	Kiss Me Deadly: American Detective Fiction and Film Noir GEC1: A-F REQUISITE: Sr only This course explores American detective fiction and film noir, a term that refers to certain "black" or darkly-lit American films of the 1940s and 1950s. It will examine classic examples of detective fiction and film noir as well as more contemporary examples of neo-noir. Although the emphasis will be on the aesthetic character of the texts under discussion, we will also investigate their historical and socio-cultural conditions of possibility as well as related issues of race and class, gender and sexuality, nation and ethnicity.	LEC	LE	3	0	3	N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	1100	Physical Geography	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the earth's dynamic, natural environmental systems--weather and climate, landforms, soils, ecosystems, and biomes.									
A&S	GEOG	GEOG	1100	Physical Geography	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the earth's dynamic, natural environmental systems--weather and climate, landforms, soils, ecosystems, and biomes.									
A&S	GEOG	GEOG	1200	Human Geography	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examination of spatial dimensions of culture, emphasizing patterns of selected cultural elements - language, religion, population, settlement, political and economic landscapes, and human/environment interactions.									
A&S	GEOG	GEOG	1300	World Regional Geography	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Course covers economic, political, social, and cultural characteristics that form major world regions. The course addresses the interrelationships and tensions between world regions based on these themes. Course includes, but is not limited to, studies of Anglo America, Latin America, Europe, Commonwealth of Independent States, Sub-Saharan Africa, Southwest Asia, South Asia, Southeast Asia, East Asia, and Australia/Oceania.									
A&S	GEOG	GEOG	1310	Globalization and the Developing World	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of globalization and its impact on development, international relations, environment and culture in developing countries around the world.									
A&S	GEOG	GEOG	2320	Geography of Ohio	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Detailed regional study of physical geography of Ohio and its cultural landscapes, settlement patterns, and economic development. The course examines the physical and human foundations of Ohio geography by focusing on the many natural features and circumstances that make up the physical base of the state of Ohio and the cultural and economic influences of human behavior and observe the impact of human populations on Ohio's landscape.									
A&S	GEOG	GEOG	2320	Geography of Ohio	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Detailed regional study of physical geography of Ohio and its cultural landscapes, settlement patterns, and economic development. The course examines the physical and human foundations of Ohio geography by focusing on the many natural features and circumstances that make up the physical base of the state of Ohio and the cultural and economic influences of human behavior and observe the impact of human populations on Ohio's landscape.									
A&S	GEOG	GEOG	2400	Environmental Geography	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Geographic survey of environmental changes caused by human activities. Focus on resource availability and use, pollution of air, water, and biosphere, energy problems, interactions of humans with plant and animal communities, climate change, and sustainability planning.									
A&S	GEOG	GEOG	2500	Planning and the City	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Cities are complex networks of transportation, housing, economic activity, social systems, infrastructure systems, natural features, and more. This course describes these networks and provides a broad introduction to cities and to the field of urban planning. Students explore the factors that have shaped the city, those that support the modern metropolis, and ideas that are inspiring the cities of the future. Students also analyze urban systems critically and become more informed consumers of their urban environment. The course draws on examples of innovative city planning in Ohio and throughout the world with a particular emphasis on communities seeking to craft livable and sustainable places.									
A&S	GEOG	GEOG	2500	Planning and the City	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Cities are complex networks of transportation, housing, economic activity, social systems, infrastructure systems, natural features, and more. This course describes these networks and provides a broad introduction to cities and to the field of urban planning. Students explore the factors that have shaped the city, those that support the modern metropolis, and ideas that are inspiring the cities of the future. Students also analyze urban systems critically and become more informed consumers of their urban environment. The course draws on examples of innovative city planning in Ohio and throughout the world with a particular emphasis on communities seeking to craft livable and sustainable places.									
A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	LAB	EL	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to core concepts of spatial thinking and geospatial data collection, management, querying, mapping, and analysis. Overview of application of these core concepts in the mapping sciences of GIS, remote sensing, and cartography. Practical training in the use of geographic information systems (GISs) and related geospatial technologies such as GPS, geobrowsers and spreadsheets.									

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A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to core concepts of spatial thinking and geospatial data collection, management, querying, mapping, and analysis. Overview of application of these core concepts in the mapping sciences of GIS, remote sensing, and cartography. Practical training in the use of geographic information systems (GISs) and related geospatial technologies such as GPS, geobrowsers and spreadsheets.									
A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	LEC	EL	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to core concepts of spatial thinking and geospatial data collection, management, querying, mapping, and analysis. Overview of application of these core concepts in the mapping sciences of GIS, remote sensing, and cartography. Practical training in the use of geographic information systems (GISs) and related geospatial technologies such as GPS, geobrowsers and spreadsheets.									
A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to core concepts of spatial thinking and geospatial data collection, management, querying, mapping, and analysis. Overview of application of these core concepts in the mapping sciences of GIS, remote sensing, and cartography. Practical training in the use of geographic information systems (GISs) and related geospatial technologies such as GPS, geobrowsers and spreadsheets.									
A&S	GEOG	GEOG	2710	Introduction to Statistics in Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1200 or higher or math placement level 2 or higher and WARNING: No credit for this course if COMS 3520 or ECON 3810 GEOL 3050 or ISE 3040 or MATH 2500 or QBA 2010 or PSY 1110 or PSY 2110						
		COURSE DESC:		Introduction to application of statistics in geography. Includes descriptive statistics, descriptive spatial statistics, normal, poisson and binomial probabilities, hypothesis testing, and inferential statistics through linear regression.									
A&S	GEOG	GEOG	2900	Special Topics in Geography	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	GEOG	GEOG	2900	Special Topics in Geography	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	GEOG	GEOG	2970T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	2971T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	GEOG 2980T and HTC						
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	2980T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	GEOG 2970T and HTC						
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	2981T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	GEOG 2971T and HTC						
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	3010	Meteorology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	GEOG 1100						
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.									
A&S	GEOG	GEOG	3010	Meteorology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	GEOG 1100						
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.									

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A&S	GEOG	GEOG	3020	Climatology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150)							
		COURSE DESC:		Explores the global climate features of the atmosphere and ocean, major modes climate variability, natural and anthropogenic climate change, and statistical methods in climatology.									
A&S	GEOG	GEOG	3020	Climatology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150)							
		COURSE DESC:		Explores the global climate features of the atmosphere and ocean, major modes climate variability, natural and anthropogenic climate change, and statistical methods in climatology.									
A&S	GEOG	GEOG	3030	Meteorological Observations	LAB	LB	1	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3010 or concurrent							
		COURSE DESC:		Lab experience in acquisition, measurement, and interpretation of meteorological parameters.									
A&S	GEOG	GEOG	3040	Practicum in Meteorology and Forecasting	LAB	LB	1	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3030 or 304							
		COURSE DESC:		Lab experience in preparation and dissemination of meteorological forecasts.									
A&S	GEOG	GEOG	3050	Physical Meteorology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	GEOG 3010 and MATH 2301 and PHYS 2051							
		COURSE DESC:		PR	This course is a survey of atmospheric physics, with a focus on radiation balances, radiative transfer, cloud microphysics, and boundary layer meteorology.								
A&S	GEOG	GEOG	3060X	The Physical and Global Dimensions of Climate Change	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		This course examines the broad concepts associated with global climate change. Topics covered include: the physical scientific basis for global climate change, the biological and physical impacts of climate change, climate change mitigation, and climate communication.									
A&S	GEOG	GEOG	3150	Landforms and Landscapes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 or GEOL 1010							
		COURSE DESC:		A topical approach to the study of landforms and landforming processes as fundamental elements of the physical environment. Includes landforms created by tectonism, volcanism, gravity, streams, glaciers, waves, and the wind.									
A&S	GEOG	GEOG	3160	Biogeography	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 1700 or GEOG 1100 or PBIO 2090) and WARNING: not BIOS 3160							
		COURSE DESC:		An examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. The course also explores the role of disturbance as a shaper of biological communities, and students will be introduced to field, laboratory and statistical means of analyzing ecological data. The role of human activities in altering biogeographic patterns is informed by our understanding how and why biological diversity varies over the surface of the earth.									
A&S	GEOG	GEOG	3160	Biogeography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 1700 or GEOG 1100 or PBIO 2090) and WARNING: not BIOS 3160							
		COURSE DESC:		An examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. The course also explores the role of disturbance as a shaper of biological communities, and students will be introduced to field, laboratory and statistical means of analyzing ecological data. The role of human activities in altering biogeographic patterns is informed by our understanding how and why biological diversity varies over the surface of the earth.									
A&S	GEOG	GEOG	3200	Race, Ethnicity and Place	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 and Soph or Jr or Sr							
		COURSE DESC:		Systematic and thematic survey of spatial and cultural patterns associated with ethnicity and ethnic groups in the United States. Emphasis on historical and spatial patterns of immigration, the experience of ethnic groups in American plural society, and ethnic contributions to American life.									
A&S	GEOG	GEOG	3210	Population Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in GEOG and (Jr or Sr)							
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	GEOG	3220	Geography of Religious Space and Place	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 and Jr or Sr							
		COURSE DESC:		Systematic and regional survey of religious cultural landscapes of the world in comparative perspective. Emphasis on religion as a cornerstone of culture and its manifestations in the cultural landscape. Focus on sacred space and place, pilgrimage, and holy sites in selected religious belief systems.									
A&S	GEOG	GEOG	3250	Political Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200							
		COURSE DESC:		Political Geography is a critical examination of the spatial expression of geopolitics. Topics covered include formation of the state as a sovereign space, nationalism in discourse and practice in both current and historical contexts, the relationship of neoliberalism to globalization and devolution in both developed and developing-world contexts, and the linkages between global and local scale political processes, especially regarding electoral politics.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	3260	Urban Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Geographical survey of the processes and forms of urban settlements. Examines urban origin, urban system, urban spatial structure, suburbanization, urban planning, (de) industrialization, inner-city decline, gentrification, entrepreneurial politics, cultural economy and globalization. This course includes significant writing and revision.									
A&S	GEOG	GEOG	3270	Social Geographies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Geographic analysis of social relations, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									
A&S	GEOG	GEOG	3290	World Economic Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Geographic survey of the capitalist world economy. Examines the rise and fall of great economic powers, (under)development in the periphery, global economic restructuring, regional blocs, multinational firms and national governments.									
A&S	GEOG	GEOG	3300	Geography of Europe	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.									
A&S	GEOG	GEOG	3310	Geography of Africa	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Course examines physical and human geographies of Africa as well as geographic approaches to human-environment interactions. Topics include sustainable resource use, health and development, rural livelihood systems, roots of conflict and Africa in the world economy. This course includes significant writing and revision.									
A&S	GEOG	GEOG	3330	Appalachia: Land and People	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									
A&S	GEOG	GEOG	3330	Appalachia: Land and People	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									
A&S	GEOG	GEOG	3340	Historical Geography of the United States	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	GEOG	3340	Historical Geography of the United States	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	GEOG	3350	Geography of Latin America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.									
A&S	GEOG	GEOG	3380	Geography of Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Examines the Asian region with emphasis on intra-regional economic integration through trade, investment and labor migration flows and on inter-regional relations with other parts of the world through colonialism, political engagement and globalization. Studies issues of economic development, regional bloc, Cold War conflicts, nationalism, and urbanization in Asia.									
A&S	GEOG	GEOG	3400	Geography of Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Designed to critically examine the concept of development and its critiques, to explore theories of development and examine how they have influenced development practice in various geographic contexts, and to understand rural and urban spaces of development and the relevant flows between them.									
A&S	GEOG	GEOG	3410	Geography of Hunger and Food Security	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides students a foundation for understanding and interpreting changing global and regional patterns of hunger and food security. Environmental, political, economic, and demographic dimensions of hunger and food security are examined. Social and policy interventions aimed at reducing hunger are evaluated through examination of case studies from the developing and industrialized world.									

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A&S	GEOG	GEOG	3430	Global Issues in Environment	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1400									
				Refines understanding of major global environmental issues. Raises important issues of scale and the role of institutions, individuals, and communities in responding to environmental challenges. Recognizes that environmental problems are never merely environmental, but also political, economic and socio-cultural.									
A&S	GEOG	GEOG	3440	Agricultural Ecosystems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr)									
				Systematic analysis of agricultural systems. Emphasis is placed on contemporary agricultural systems, including their place in the global economy, and impacts on the environment. Examines the globalization of agriculture and agro-biotechnology.									
A&S	GEOG	GEOG	3450	Access to Water in a Changing World	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or GEOG 1310 or GEOG 2400 and (Jr or Sr)									
				This course focuses on the political, economic, and social drivers of water access in a globalized world. These factors are examined using case studies in developed and developing contexts in relation to uncertainties of climate change. Course topics include water privatization, scarcity, pollution, urbanism, indigeneity, the state, habitat, and human displacement. Social and environmental justice dimensions of these themes are explored and analyzed.									
A&S	GEOG	GEOG	3460	Environmental Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or 1400									
				Legal aspects of both individual environmental and societal environmental rights and duties with respect to constitution, private property, nuisance, negligence, statutes, regulatory agencies, and court decisions. Emphasis on case study of federal, state, and local laws that shaped existing law and those that are likely to shape future legislative and administrative action.									
A&S	GEOG	GEOG	3500	Land Use Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr)									
				PR									
				Fundamentals of land use planning are explored. Examines traditional and innovative approaches to land use planning and its influence on the physical forms of our cities and environment, community development, human health, growth management, and sustainability. Reviews land-use planning tools and techniques utilized at the local, regional, and state level of government including plan-making processes, zoning, subdivision regulations, environmental management, smart growth, urban design, and land-use suitability.									
A&S	GEOG	GEOG	3580	Environmental Hazards	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr)									
				Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	GEOG	3600	Cartography I	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 2680									
				Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	GEOG	3600	Cartography I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 2680									
				Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	GEOG	3610	Cartography II	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730									
				Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	GEOG	3610	Cartography II	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730									
				Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	GEOG	3610	Cartography II	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730									
				Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	GEOG	3650	Air Photo Interpretation	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr)									
				Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									

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A&S	GEOG	GEOG	3650	Air Photo Interpretation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr)									
				Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	GEOG	3650	Air Photo Interpretation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr)									
				Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	GEOG	3970T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: GEOG 2981T and HTC									
				CR, PR									
				Third-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	3980T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: GEOG 3970T and HTC									
				CR, PR									
				Third-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	4035	Introduction to Meteorological Radar Systems, Observations, and Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and (GEOG 3040 or GEOG 4660)									
				This course will provide an introduction to standard and dual-polarization weather radar systems, interpretation of data collected from such systems, and application techniques utilized for various meteorological purposes. Topics covered will include: 1) basic components of a radar system, atmospheric electromagnetic wave propagation, 2) conditions leading to abnormal wave propagation, 3) retrieval of radar reflectivity and Doppler velocity measurements, 4) observational properties of meteorological targets including clouds, rain, hail, snow, and tornadoes, 5) discrimination between meteorological and non-meteorological returns, and 6) applications of radar data including velocity azimuth displays, dual-Doppler wind retrievals, hydrometeor classification, and rainfall measurements.									
A&S	GEOG	GEOG	4060	Synoptic Meteorology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: GEOG 3040									
				PR									
				An examination of the construction and analysis of models used in the prediction of meteorological phenomena, the development and maintenance of mid-latitude cyclones, and satellite meteorology.									
A&S	GEOG	GEOG	4060	Synoptic Meteorology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: GEOG 3040									
				PR									
				An examination of the construction and analysis of models used in the prediction of meteorological phenomena, the development and maintenance of mid-latitude cyclones, and satellite meteorology.									
A&S	GEOG	GEOG	4070	Mesoscale Meteorology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4060									
				An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.									
A&S	GEOG	GEOG	4070	Mesoscale Meteorology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4060									
				An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.									
A&S	GEOG	GEOG	4080	Dynamic Meteorology I	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: GEOG 3010 and MATH 3400 and PHYS 2051									
				PR									
				Exploration of the physical forces responsible for atmospheric motions. Topics covered include the wind vector; fundamental and apparent forces; the geostrophic wind; the thermal, mechanical and thermodynamic energy equations; balanced flow; vertical motion and the thermal wind; vorticity; and the vorticity and divergence theorems.									
A&S	GEOG	GEOG	4090	Dynamic Meteorology II	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: GEOG 4080									
				PR									
				Continuation of Dynamic Meteorology I, with a focus on mid-latitude atmospheric dynamics. Examines the process of a developing mid-latitude cyclone from genesis to lysis, and the interplay between vertical motion, horizontal advection, temperature, and (to some extent) moisture. An investigation of atmospheric dynamics in the planetary boundary layer, where friction must be considered, concludes the course.									
A&S	GEOG	GEOG	4110	Advanced Physical Geography	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr)									
				A topics course of focused study on a specific physical geographic theme.									

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A&S	GEOG	GEOG	4110	Advanced Physical Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (Jr or Sr)							
		COURSE DESC:		A topics course of focused study on a specific physical geographic theme.									
A&S	GEOG	GEOG	4130	Arid Lands Physical Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(GEOG 1100 or GEOL 1010) and (Jr or Sr)							
		COURSE DESC:		Integrated approach to the physical geographic processes that combine to create the distinctive landscapes of arid regions with an emphasis on their landforms and landforming processes.									
A&S	GEOG	GEOG	4170	Landscape Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Jr or Sr) and (GEOG 1100 or P BIO 2090 or BIOS 2750 or BIOS 375)							
		COURSE DESC:		Landscape Ecology is an applied science that focuses on the development, consequences, and management of environmental pattern - the spatial distributions of species and the environment resources upon which they depend. This course explores the reciprocal relationship between pattern and process: how pattern is created on the landscape, its implications for populations, communities, and ecosystems, and how spatial pattern changes through time. The specific role of humans in creating and altering landscape pattern is examined.									
A&S	GEOG	GEOG	4280	Community Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	4 hours in GEOG and (Jr or Sr)							
		COURSE DESC:		This course offers a unique combination of collaborative mapping, spatial understanding of community issues, and interaction with and participation in the community from the bottom up, as engaged members of the Athens community. Students will be introduced to real-world problems and best practices, and encouraged to explore creative solutions. Community geography helps students better understand the spatial nature of these issues, how to evaluate both local and global forces which transform communities, and assists them with evaluating actionable solutions which promote sustainability at the local level. This course is designed to engage students with the Athens area, to build collaboration between students, residents and community groups, and to develop marketable skills and expand student awareness of community issues.									
A&S	GEOG	GEOG	4450	Gender, Environment, and Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 or 1310 or WGSS 1000 and (Jr or Sr)							
		COURSE DESC:		Explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies from Africa, USA, Latin America, and Asia. Topics include gendered access to resources, health and inequality, men and masculinities, the body and the environment, non-governmental organizations, and grass root organizing. This course includes significant writing and revision.									
A&S	GEOG	GEOG	4470	Natural Resource Conservation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1400 and (Jr or Sr)							
		COURSE DESC:		Themes in American environmental history, resource conservation and management, and contemporary environmentalism.									
A&S	GEOG	GEOG	4480	Migration and Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(GEOG 1200 or 1310 or 3210 or SOC 1000) and (Jr or Sr)							
		COURSE DESC:		Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	GEOG	4520	Environmental and Sustainability Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in GEOG and (Jr or Sr)							
		COURSE DESC:		An introduction to how urban planning tools can be used to support the natural environment and promote local and regional sustainability. Outlines strategies for meeting important biodiversity, water resources, hazard mitigation, working landscape, waste management, and air quality goals. Connects environmental planning with supportive topics such as environmental policy and governance, sustainability and climate action planning, environmental justice, and environmental assessment.									
A&S	GEOG	GEOG	4550	History of Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in GEOG and (Jr or Sr)							
		COURSE DESC:		Explores the development of planning concepts, theory, and practice. It introduces urban and regional planning in the U.S. through its historical and contemporary contexts. Examines the social, economic, political, cultural, and technological factors that influence human landscapes and the profession of planning.									
A&S	GEOG	GEOG	4560	The Just and Sustainable City	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(GEOG 1200 or 2400) and (Jr or Sr)							
		COURSE DESC:		A critical examination of the role of nature and political economy in the sustainable development of urban environments in the context of social and environmental justice. Topics studied include the relationship between urbanism and nature, environmental justice, compact versus sprawling development, slums in developing world cities, urban agriculture as a solution to urban hunger, toxic lawn ecologies, uneven urban forests and parks, vulnerability to urban climate changes, brownfield redevelopment and the specter of gentrification, and the role of animals in the city, among other topics. These topics are studied in both developed and developing world contexts. Students taking this course will also be asked to evaluate urban sustainability initiatives related to these topics with concepts of social and environmental justice in mind.									
A&S	GEOG	GEOG	4660	Principles of Remote Sensing	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	GEOG 2680 and (Jr or Sr)							
		COURSE DESC:		PR	Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4660	Principles of Remote Sensing	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 2680 and (Jr or Sr)									
		COURSE DESC:		Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.									
A&S	GEOG	GEOG	4660	Principles of Remote Sensing	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 2680 and (Jr or Sr)									
		COURSE DESC:		Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.									
A&S	GEOG	GEOG	4670	Advanced Remote Sensing	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4660 and (Jr or Sr)									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									
A&S	GEOG	GEOG	4670	Advanced Remote Sensing	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4660 and (Jr or Sr)									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									
A&S	GEOG	GEOG	4670	Advanced Remote Sensing	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4660 and (Jr or Sr)									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									
A&S	GEOG	GEOG	4710	Quantitative Methods in Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2710 and (Jr or Sr)									
		COURSE DESC:		An introduction to the application of advanced quantitative methods in geographic research and applied spatial analysis with a focus on statistical problem solving in both human and physical geographic contexts.									
A&S	GEOG	GEOG	4711	Qualitative Methods in Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in GEOG and (Jr or Sr)									
		COURSE DESC:		An introduction to qualitative research methods in geography. Covers research design, methodological approaches to research, and qualitative data collection and analysis methods used by geographers. Specific methods covered will include: interviewing, observation, document analysis, and visual analysis.									
A&S	GEOG	GEOG	4712	Field Methods in Geography	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2710 and (Jr or Sr)									
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.									
A&S	GEOG	GEOG	4712	Field Methods in Geography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2710 and (Jr or Sr)									
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.									
A&S	GEOG	GEOG	4730	Principles of GIS	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2680									
		COURSE DESC:		Introduction to the fundamental principles and applications of geographic information systems (GISs). In-depth practical training in creation, storage, management, visualization, and map-driven analysis of geospatial data using industry standard GIS and mapping technologies.									
A&S	GEOG	GEOG	4730	Principles of GIS	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2680									
		COURSE DESC:		Introduction to the fundamental principles and applications of geographic information systems (GISs). In-depth practical training in creation, storage, management, visualization, and map-driven analysis of geospatial data using industry standard GIS and mapping technologies.									
A&S	GEOG	GEOG	4740	GIS Design and Application Development	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4730 and (Jr or Sr)									
		COURSE DESC:		Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4740	GIS Design and Application Development	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4730 and (Jr or Sr)									
				Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									
A&S	GEOG	GEOG	4740	GIS Design and Application Development	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4730 and (Jr or Sr)									
				Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									
A&S	GEOG	GEOG	4750	GIS and Landscape Analysis	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4730 and (Jr or Sr)									
				Advanced application of GIS focusing on analytical and computer-based methods critical to the understanding and management of natural resources and the environment. Topics covered include GIS-based decision analysis, constraint mapping, landscape modeling, sustainability assessment and environmental simulation.									
A&S	GEOG	GEOG	4750	GIS and Landscape Analysis	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4730 and (Jr or Sr)									
				Advanced application of GIS focusing on analytical and computer-based methods critical to the understanding and management of natural resources and the environment. Topics covered include GIS-based decision analysis, constraint mapping, landscape modeling, sustainability assessment and environmental simulation.									
A&S	GEOG	GEOG	4750	GIS and Landscape Analysis	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 4730 and (Jr or Sr)									
				Advanced application of GIS focusing on analytical and computer-based methods critical to the understanding and management of natural resources and the environment. Topics covered include GIS-based decision analysis, constraint mapping, landscape modeling, sustainability assessment and environmental simulation.									
A&S	GEOG	GEOG	4760	Advanced Spatial Analysis and GIS Applications	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4660 or 4730									
				GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									
A&S	GEOG	GEOG	4760	Advanced Spatial Analysis and GIS Applications	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4660 or 4730									
				GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									
A&S	GEOG	GEOG	4760	Advanced Spatial Analysis and GIS Applications	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4660 or 4730									
				GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									
A&S	GEOG	GEOG	4770	Advanced Topics in Geoinformatics	LAB	LB	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr)									
				In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	4770	Advanced Topics in Geoinformatics	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr)									
				In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	4770	Advanced Topics in Geoinformatics	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr)									
				In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	4799	Foundations for Capstone Research in Geography	LEC	LE	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: GEOG 1100 and GEOG 1200 and GEOG 2710 and GEOG 2680 and Jr or Sr									
				PR, F									
				This course provides an introduction to research design and methodology in geography. The course emphasizes the development of a research project from its earliest stages through the identification of emerging research foci within geography's sub-fields. Students interact independently with faculty to define a research focus for the capstone project, which they undertake the semester following the completion of this course in GEOG 4800: Capstone Experience in Geography									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4800	Capstone Experience in Geography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Capstone course that encourages the implementation of acquired knowledge from previous course work. Involves an examination and application of topics relating to the history and philosophy of geographic thought.	LEC	LE	3	0	3	N	U30		75
A&S	GEOG	GEOG	4900	Special Topics in Geography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Special topics in Geography.	SEM	SE	1 to 15	30		N	U30		0
A&S	GEOG	GEOG	4910	Internship ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Provides qualifying students with credit for work-study experience in GIS, cartography, remote sensing, land-use planning, resource management, and other fields of applied geography. Supervised by geography faculty and evaluated by on-the-job supervisor.	INT	IN	1 to 12	0		I	U30		0
A&S	GEOG	GEOG	4930	Independent Study ELIGIBLE GRADES: GEC2: A-F, PR COURSE DESC: Individual or small group students will have an independent study with faculty members.	IND	IS	1 to 6	6		N	U30		0
A&S	GEOG	GEOG	4940	Research Experience in Human Geography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4941	Research Experience in Physical Geography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4942	Research Experience in Environmental Geography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4943	Research Experience in Geographic Information Science ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4944	Research Experience in Meteorology/Climatology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4945	Research Experience in Urban Planning ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	GEOG	4946	Research Experience in Globalization and Development ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4970T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GEOG 3980T and HTC CR, PR									
		COURSE DESC:		Fourth-year thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	4980T	Geography Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GEOG 4970T and HTC CR, PR									
		COURSE DESC:		Fourth-year thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	GEOG	4990H	Honors in Geography	TUT	TU	3	6	3	I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and GEOG major and Sr only PR									
		COURSE DESC:		This course requires qualified Geography seniors to write an honors thesis, which involves a substantial amount of reading, research and writing, a synthesis of various fields of geographical knowledge, and a mixed use of research tools and methods, including maps, spatial statistics, GIScience, field research, and personal interviews.									
A&S	GEOG	GEOG	5000	Geographic Research and Writing	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This seminar is designed to provide students a general background of the discipline of geography through its various theoretical progressions and teach them how to conduct research and writing with these developments in mind.									
A&S	GEOG	GEOG	5000	Geographic Research and Writing	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This seminar is designed to provide students a general background of the discipline of geography through its various theoretical progressions and teach them how to conduct research and writing with these developments in mind.									
A&S	GEOG	GEOG	5010	Meteorology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.									
A&S	GEOG	GEOG	5010	Meteorology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.									
A&S	GEOG	GEOG	5010	Meteorology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.									
A&S	GEOG	GEOG	5020	Climatology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.									
A&S	GEOG	GEOG	5020	Climatology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.									
A&S	GEOG	GEOG	5020	Climatology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.									
A&S	GEOG	GEOG	5030	Meteorological Observations	LAB	LB	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Lab experience in acquisition, measurement, and interpretation of meteorological parameters.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5035	Introduction to Meteorological Radar Systems, Observations, and Techniques	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course will provide an introduction to standard and dual-polarization weather radar systems, interpretation of data collected from such systems, and application techniques utilized for various meteorological purposes. Topics covered will include: 1) basic components of a radar system, atmospheric electromagnetic wave propagation, 2) conditions leading to abnormal wave propagation, 3) retrieval of radar reflectivity and Doppler velocity measurements, 4) observational properties of meteorological targets including clouds, rain, hail, snow, and tornadoes, 5) discrimination between meteorological and non-meteorological returns, and 6) applications of radar data including velocity azimuth displays, dual-Doppler wind retrievals, hydrometeor classification, and rainfall measurements.									
A&S	GEOG	GEOG	5035	Introduction to Meteorological Radar Systems, Observations, and Techniques	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course will provide an introduction to standard and dual-polarization weather radar systems, interpretation of data collected from such systems, and application techniques utilized for various meteorological purposes. Topics covered will include: 1) basic components of a radar system, atmospheric electromagnetic wave propagation, 2) conditions leading to abnormal wave propagation, 3) retrieval of radar reflectivity and Doppler velocity measurements, 4) observational properties of meteorological targets including clouds, rain, hail, snow, and tornadoes, 5) discrimination between meteorological and non-meteorological returns, and 6) applications of radar data including velocity azimuth displays, dual-Doppler wind retrievals, hydrometeor classification, and rainfall measurements.									
A&S	GEOG	GEOG	5040	Practicum in Meteorology and Forecasting	LAB	LB	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Lab experience in preparation and dissemination of meteorological forecasts.								
A&S	GEOG	GEOG	5050	Physical Meteorology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	This course is a survey of atmospheric physics, with a focus on radiation balances, radiative transfer, cloud microphysics, and boundary layer meteorology.								
A&S	GEOG	GEOG	5050	Physical Meteorology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	This course is a survey of atmospheric physics, with a focus on radiation balances, radiative transfer, cloud microphysics, and boundary layer meteorology.								
A&S	GEOG	GEOG	5060	Synoptic Meteorology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of the construction and analysis of models used in the prediction of meteorological phenomena, the development and maintenance of mid-latitude cyclones, and satellite meteorology.								
A&S	GEOG	GEOG	5060	Synoptic Meteorology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of the construction and analysis of models used in the prediction of meteorological phenomena, the development and maintenance of mid-latitude cyclones, and satellite meteorology.								
A&S	GEOG	GEOG	5060	Synoptic Meteorology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of the construction and analysis of models used in the prediction of meteorological phenomena, the development and maintenance of mid-latitude cyclones, and satellite meteorology.								
A&S	GEOG	GEOG	5070	Mesoscale Meteorology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	5070	Mesoscale Meteorology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	5070	Mesoscale Meteorology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5080	Dynamic Meteorology I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exploration of the physical forces responsible for atmospheric motions. Topics covered include the wind vector; fundamental and apparent forces; the geostrophic wind; the thermal, mechanical and thermodynamic energy equations; balanced flow; vertical motion and the thermal wind; vorticity; and the vorticity and divergence theorems.									
A&S	GEOG	GEOG	5080	Dynamic Meteorology I	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exploration of the physical forces responsible for atmospheric motions. Topics covered include the wind vector; fundamental and apparent forces; the geostrophic wind; the thermal, mechanical and thermodynamic energy equations; balanced flow; vertical motion and the thermal wind; vorticity; and the vorticity and divergence theorems.									
A&S	GEOG	GEOG	5090	Dynamic Meteorology II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Continuation of GEOG 5080. Topics covered include Boussinesq approximations; Reynold's averaging; turbulent kinetic energy; primary and secondary circulations; baroclinic development; geopotential tendency; quasigeostrophic motions; omega equation; and wave motions in the atmosphere.									
A&S	GEOG	GEOG	5090	Dynamic Meteorology II	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Continuation of GEOG 5080. Topics covered include Boussinesq approximations; Reynold's averaging; turbulent kinetic energy; primary and secondary circulations; baroclinic development; geopotential tendency; quasigeostrophic motions; omega equation; and wave motions in the atmosphere.									
A&S	GEOG	GEOG	5110	Advanced Physical Geography	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A topics course of focused study on a specific physical geographic theme.									
A&S	GEOG	GEOG	5110	Advanced Physical Geography	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A topics course of focused study on a specific physical geographic theme.									
A&S	GEOG	GEOG	5110	Advanced Physical Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A topics course of focused study on a specific physical geographic theme.									
A&S	GEOG	GEOG	5130	Arid Lands Physical Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Integrated approach to the physical geographic processes that combine to create the distinctive landscapes of arid regions with an emphasis on their landforms and landforming processes.									
A&S	GEOG	GEOG	5130	Arid Lands Physical Geography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Integrated approach to the physical geographic processes that combine to create the distinctive landscapes of arid regions with an emphasis on their landforms and landforming processes.									
A&S	GEOG	GEOG	5150	Landforms and Landscapes	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A topical approach to the study of landforms and landforming processes as fundamental elements of the physical environment. Includes landforms created by tectonism, volcanism, gravity, streams, glaciers, waves, and the wind.									
A&S	GEOG	GEOG	5150	Landforms and Landscapes	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A topical approach to the study of landforms and landforming processes as fundamental elements of the physical environment. Includes landforms created by tectonism, volcanism, gravity, streams, glaciers, waves, and the wind.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5160	Biogeography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WARNING: Not BIOS 5160 PR									
		COURSE DESC:		An examination of the historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. No credit if BIOS 3160/5160.									
A&S	GEOG	GEOG	5160	Biogeography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WARNING: Not BIOS 5160 PR									
		COURSE DESC:		An examination of the historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. No credit if BIOS 3160/5160.									
A&S	GEOG	GEOG	5170	Landscape Ecology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Landscape Ecology is an applied science that focuses on the development, consequences, and management of environmental pattern & the spatial distributions of species and the environment resources upon which they depend. This course explores the reciprocal relationship between pattern and process: how pattern is created on the landscape, its implication for populations, communities, and ecosystems, and how spatial pattern changes through time. The specific role of humans in creating and altering landscape pattern is examined.									
A&S	GEOG	GEOG	5170	Landscape Ecology	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Landscape Ecology is an applied science that focuses on the development, consequences, and management of environmental pattern & the spatial distributions of species and the environment resources upon which they depend. This course explores the reciprocal relationship between pattern and process: how pattern is created on the landscape, its implication for populations, communities, and ecosystems, and how spatial pattern changes through time. The specific role of humans in creating and altering landscape pattern is examined.									
A&S	GEOG	GEOG	5200	Race, Ethnicity and Place	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Systematic and thematic survey of spatial and cultural patterns associated with ethnicity and ethnic groups in the United States. Emphasis on historical and spatial patterns of immigration, the experience of ethnic groups in American plural society, and ethnic contributions to American life.									
A&S	GEOG	GEOG	5210	Population Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	GEOG	5210	Population Geography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	GEOG	5220	Geography of Religious Space and Place	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Systematic and regional survey of religious cultural landscapes of the world in comparative perspective. Emphasis on religion as a cornerstone of culture and its manifestations in the cultural landscape. Focus on sacred space and place, pilgrimage, and holy sites in selected religious belief systems.									
A&S	GEOG	GEOG	5250	Political Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Political Geography is a critical examination of the spatial expression of geopolitics. Topics covered include formation of the state as a sovereign space, nationalism in discourse and practice in both current and historical contexts, the relationship of neoliberalism to globalization and devolution in both developed and developing-world contexts, and the linkages between global and local scale political processes, especially regarding electoral politics.									
A&S	GEOG	GEOG	5260	Urban Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Geographical survey of the processes and forms of urban settlements. Examines urban origin, urban system, urban spatial structure, suburbanization, urban planning, (de) industrialization, inner-city decline, gentrification, entrepreneurial politics, cultural economy and globalization. This course includes significant writing and revision.									
A&S	GEOG	GEOG	5270	Social Geographies	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Geographic analysis of social relation, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									

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A&S	GEOG	GEOG	5270	Social Geographies	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Geographic analysis of social relation, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									
A&S	GEOG	GEOG	5280	Community Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Knowing the geography of one's community, from the distribution of parks and schools to the location of healthcare and social services providers to the assessment of walkable downtowns and neighborhoods, is a hallmark of an engaged citizenry. Community Geography examines a variety of place-based challenges and opportunities that are found within and between communities through the lens of geo-spatial analysis. It engages students in real ways through documenting, evaluating and mapping the community they live in and care about. University-community partnerships are built from the bottom up around social issues such as income inequalities, food insecurity, educational disparities, limited access to transportation and healthcare, and more.									
				This course offers a unique combination of collaborative mapping, spatial understanding of community issues, and interaction with and participation in the community from the bottom up, as engaged members of the Athens community. Students will be introduced to real-world problems and best practices, and encouraged to explore creative solutions. Community geography helps students better understand the spatial nature of these issues, how to evaluate both local and global forces which transform communities, and assists them with evaluating actionable solutions which promote sustainability at the local level. This course is designed to engage students with the Athens area, to build collaboration between students, residents and community groups, and to develop marketable skills and expand student awareness of community issues.									
A&S	GEOG	GEOG	5290	World Economic Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Geographic survey of the capitalist world economy. Examines the rise and fall of great economic powers, (under)development in the periphery, global economic restructuring, regional blocs, multinational firms and national governments.									
A&S	GEOG	GEOG	5300	Geography of Europe	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.									
A&S	GEOG	GEOG	5300	Geography of Europe	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.									
A&S	GEOG	GEOG	5310	Geography of Africa	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Course examines physical and human geographies of Africa as well as geographic approaches to human-environment interactions. Topics include sustainable resource use, health and development, rural livelihood systems, roots of conflict and Africa in the world economy. This course includes significant writing and revision.									
A&S	GEOG	GEOG	5330	Appalachia: Land and People	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									
A&S	GEOG	GEOG	5330	Appalachia: Land and People	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									
A&S	GEOG	GEOG	5330	Appalachia: Land and People	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									
A&S	GEOG	GEOG	5340	Historical Geography of the United States	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									

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A&S	GEOG	GEOG	5340	Historical Geography of the United States	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	GEOG	5340	Historical Geography of the United States	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	GEOG	5350	Geography of Latin America	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.									
A&S	GEOG	GEOG	5350	Geography of Latin America	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.									
A&S	GEOG	GEOG	5380	Geography of Asia	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the Asian region with emphasis on intra-regional economic integration through trade, investment and labor migration flows and on inter-regional relations with other parts of the world through colonialism, political engagement and globalization. Studies issues of economic development, regional bloc, Cold War conflicts, nationalism, and urbanization in Asia.									
A&S	GEOG	GEOG	5380	Geography of Asia	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the Asian region with emphasis on intra-regional economic integration through trade, investment and labor migration flows and on inter-regional relations with other parts of the world through colonialism, political engagement and globalization. Studies issues of economic development, regional bloc, Cold War conflicts, nationalism, and urbanization in Asia.									
A&S	GEOG	GEOG	5400	Geography of Development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Designed 1) to critically examine the concept of development and its critiques; 2) to explore theories of development and examine how they have influenced development practice in various geographic contexts; and 3) to understand rural and urban spaces of development and the relevant flows between them.									
A&S	GEOG	GEOG	5400	Geography of Development	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Designed 1) to critically examine the concept of development and its critiques; 2) to explore theories of development and examine how they have influenced development practice in various geographic contexts; and 3) to understand rural and urban spaces of development and the relevant flows between them.									
A&S	GEOG	GEOG	5410	Geography of Hunger and Food Security	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides students a foundation for understanding and interpreting changing global and regional patterns of hunger and food security. Environmental, political, economic, and demographic dimensions of hunger and food security are examined. Social and policy interventions aimed at reducing hunger are evaluated through examination of case studies from the developing and industrialized world.									
A&S	GEOG	GEOG	5410	Geography of Hunger and Food Security	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides students a foundation for understanding and interpreting changing global and regional patterns of hunger and food security. Environmental, political, economic, and demographic dimensions of hunger and food security are examined. Social and policy interventions aimed at reducing hunger are evaluated through examination of case studies from the developing and industrialized world.									
A&S	GEOG	GEOG	5440	Agricultural Ecosystems	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Systematic analysis of agricultural systems. Emphasis is placed on contemporary agricultural systems, including their place in the global economy, and impacts on the environment. Examines the globalization of agriculture and agro-biotechnology.									

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A&S	GEOG	GEOG	5440	Agricultural Ecosystems	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Systematic analysis of agricultural systems. Emphasis is placed on contemporary agricultural systems, including their place in the global economy, and impacts on the environment. Examines the globalization of agriculture and agro-biotechnology.									
A&S	GEOG	GEOG	5450	Gender, Environment, and Development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies from Africa, USA, Latin America, and Asia. Topics include gendered access to resources, health and inequality, men and masculinities, the body and the environment, non-governmental organizations, and grass root organizing. This course includes significant writing and revision.									
A&S	GEOG	GEOG	5460	Environmental Law	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Legal aspects of both individual environmental and societal environmental rights and duties with respect to constitution, private property, nuisance, negligence, statutes, regulatory agencies, and court decisions. Emphasis on case study of federal, state, and local laws that shaped existing law and those that are likely to shape future legislative and administrative action.									
A&S	GEOG	GEOG	5460	Environmental Law	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Legal aspects of both individual environmental and societal environmental rights and duties with respect to constitution, private property, nuisance, negligence, statutes, regulatory agencies, and court decisions. Emphasis on case study of federal, state, and local laws that shaped existing law and those that are likely to shape future legislative and administrative action.									
A&S	GEOG	GEOG	5470	Natural Resource Conservation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Themes in American environmental history, resource conservation and management, and contemporary environmentalism.									
A&S	GEOG	GEOG	5470	Natural Resource Conservation	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Themes in American environmental history, resource conservation and management, and contemporary environmentalism.									
A&S	GEOG	GEOG	5480	Migration and Development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	GEOG	5480	Migration and Development	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	GEOG	5500	Land Use Planning	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Fundamentals of land use planning are explored. Examines traditional and innovative approaches to land use planning and its influence on the physical forms of our cities and environment, community development, human health, growth management, and sustainability. Reviews land-use planning tools and techniques utilized at the local, regional, and state level of government including plan-making processes, zoning, subdivision regulations, environmental management, smart growth, urban design, and land-use suitability.									
A&S	GEOG	GEOG	5500	Land Use Planning	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Fundamentals of land use planning are explored. Examines traditional and innovative approaches to land use planning and its influence on the physical forms of our cities and environment, community development, human health, growth management, and sustainability. Reviews land-use planning tools and techniques utilized at the local, regional, and state level of government including plan-making processes, zoning, subdivision regulations, environmental management, smart growth, urban design, and land-use suitability.									

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SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5520	Environmental and Sustainability Planning	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:			Warning: No credit for both this course and the following (always deduct credit for first course taken):GEOG 5530				
		COURSE DESC:		An introduction to how urban planning tools can be used to support the natural environment and promote local and regional sustainability. Outlines strategies for meeting important biodiversity, water resources, hazard mitigation, working landscape, waste management, and air quality goals. Connects environmental planning with supportive topics such as environmental policy and governance, sustainability and climate action planning, environmental justice, and environmental assessment.									
A&S	GEOG	GEOG	5520	Environmental and Sustainability Planning	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:			Warning: No credit for both this course and the following (always deduct credit for first course taken):GEOG 5530				
		COURSE DESC:		An introduction to how urban planning tools can be used to support the natural environment and promote local and regional sustainability. Outlines strategies for meeting important biodiversity, water resources, hazard mitigation, working landscape, waste management, and air quality goals. Connects environmental planning with supportive topics such as environmental policy and governance, sustainability and climate action planning, environmental justice, and environmental assessment.									
A&S	GEOG	GEOG	5550	History of Planning	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Explores the development of planning concepts, theory, and practice. It introduces urban and regional planning in the U.S. through its historical and contemporary contexts. Examines the social, economic, political, cultural, and technological factors that influence human landscapes and the profession of planning.									
A&S	GEOG	GEOG	5550	History of Planning	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Explores the development of planning concepts, theory, and practice. It introduces urban and regional planning in the U.S. through its historical and contemporary contexts. Examines the social, economic, political, cultural, and technological factors that influence human landscapes and the profession of planning.									
A&S	GEOG	GEOG	5560	The Just and Sustainable City	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A critical examination of the role of nature and political economy in the sustainable development of urban environments in the context of social and environmental justice. Topics studied include the relationship between urbanism and nature, environmental justice, compact versus sprawling development, slums in developing world cities, urban agriculture as a solution to urban hunger, toxic lawn ecologies, uneven urban forests and parks, vulnerability to urban climate changes, brownfield redevelopment and the specter of gentrification, and the role of animals in the city, among other topics. These topics are studied in both developed and developing world contexts. Students taking this course will also be asked to evaluate urban sustainability initiatives related to these topics with concepts of social and environmental justice in mind.									
A&S	GEOG	GEOG	5580	Environmental Hazards	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	GEOG	5580	Environmental Hazards	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	GEOG	5600	Cartography I	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	GEOG	5600	Cartography I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	GEOG	5600	Cartography I	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	GEOG	5610	Cartography II	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:			PR				
		COURSE DESC:		Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5610	Cartography II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	GEOG	5610	Cartography II	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	GEOG	5650	Air Photo Interpretation	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Principles, techniques, and practice in visual interpretation of and making measurements from aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	GEOG	5650	Air Photo Interpretation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Principles, techniques, and practice in visual interpretation of and making measurements from aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	GEOG	5650	Air Photo Interpretation	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Principles, techniques, and practice in visual interpretation of and making measurements from aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	GEOG	5660	Principles of Remote Sensing	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.									
A&S	GEOG	GEOG	5660	Principles of Remote Sensing	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.									
A&S	GEOG	GEOG	5660	Principles of Remote Sensing	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Systematic introduction to the principles and application of remote sensing stressing the fundamental characteristics of electromagnetic radiation, energy-atmosphere interactions, design of remote sensing instruments, and the techniques used to extract problem-solving information from remote sensing data. Emphasis is given to digital image-processing techniques and algorithms involved in measurement, analysis, and interpretation of electromagnetic energy collected by remote sensing instruments.									
A&S	GEOG	GEOG	5670	Advanced Remote Sensing	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									
A&S	GEOG	GEOG	5670	Advanced Remote Sensing	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									

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A&S	GEOG	GEOG	5670	Advanced Remote Sensing	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									
A&S	GEOG	GEOG	5710	Quantitative Methods in Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An introduction to the application of advanced quantitative methods in geographic research and applied spatial analysis with a focus on statistical problem solving in both human and physical geographic contexts.									
A&S	GEOG	GEOG	5710	Quantitative Methods in Geography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An introduction to the application of advanced quantitative methods in geographic research and applied spatial analysis with a focus on statistical problem solving in both human and physical geographic contexts.									
A&S	GEOG	GEOG	5711	Qualitative Methods in Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An introduction to qualitative research methods in geography. Covers research design, methodological approaches to research, and qualitative data collection and analysis methods used by geographers. Specific methods covered will include: interviewing, observation, document analysis, and visual analysis.									
A&S	GEOG	GEOG	5711	Qualitative Methods in Geography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An introduction to qualitative research methods in geography. Covers research design, methodological approaches to research, and qualitative data collection and analysis methods used by geographers. Specific methods covered will include: interviewing, observation, document analysis, and visual analysis.									
A&S	GEOG	GEOG	5712	Field Methods in Geography	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.									
A&S	GEOG	GEOG	5712	Field Methods in Geography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.									
A&S	GEOG	GEOG	5712	Field Methods in Geography	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.									
A&S	GEOG	GEOG	5730	Principles of GIS	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to the fundamental principles and applications of geographic information systems (GISs). In-depth practical training in creation, storage, management, visualization, and map-driven analysis of geospatial data using industry standard GIS and mapping technologies.									
A&S	GEOG	GEOG	5730	Principles of GIS	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to the fundamental principles and applications of geographic information systems (GISs). In-depth practical training in creation, storage, management, visualization, and map-driven analysis of geospatial data using industry standard GIS and mapping technologies.									
A&S	GEOG	GEOG	5730	Principles of GIS	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduction to the fundamental principles and applications of geographic information systems (GISs). In-depth practical training in creation, storage, management, visualization, and map-driven analysis of geospatial data using industry standard GIS and mapping technologies.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5731	Geographic Information Systems Applications	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Applications of Geographic Information Systems (GIS) to solving spatial problems, intended for non-majors. Instruction is a problem-oriented approach using desktop GIS. Students will learn how to use vector and grid-based GIS to answer problems with a geospatial component. Course emphasizes methods for importing and integrating data sources and digital boundary files from the Internet and other sources. The purpose is to give students critical thinking skills to solve spatial problems using automated methods. No prior experience with GIS is assumed.									
A&S	GEOG	GEOG	5731	Geographic Information Systems Applications	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Applications of Geographic Information Systems (GIS) to solving spatial problems, intended for non-majors. Instruction is a problem-oriented approach using desktop GIS. Students will learn how to use vector and grid-based GIS to answer problems with a geospatial component. Course emphasizes methods for importing and integrating data sources and digital boundary files from the Internet and other sources. The purpose is to give students critical thinking skills to solve spatial problems using automated methods. No prior experience with GIS is assumed.									
A&S	GEOG	GEOG	5740	GIS Design and Application Development	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									
A&S	GEOG	GEOG	5740	GIS Design and Application Development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									
A&S	GEOG	GEOG	5740	GIS Design and Application Development	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to computational foundations of geographic information systems and geospatial mapping technologies. Practical introduction to GIS scripting technologies and software application development.									
A&S	GEOG	GEOG	5750	GIS and Landscape Analysis	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to the methods of computational modeling and geovisualization directed to the study of physical, human, and environmental processes and their interactions at local, regional, and global scales.									
A&S	GEOG	GEOG	5750	GIS and Landscape Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to the methods of computational modeling and geovisualization directed to the study of physical, human, and environmental processes and their interactions at local, regional, and global scales.									
A&S	GEOG	GEOG	5750	GIS and Landscape Analysis	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		Introduction to the methods of computational modeling and geovisualization directed to the study of physical, human, and environmental processes and their interactions at local, regional, and global scales.									
A&S	GEOG	GEOG	5760	Advanced Spatial Analysis and GIS Applications	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									
A&S	GEOG	GEOG	5760	Advanced Spatial Analysis and GIS Applications	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									

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A&S	GEOG	GEOG	5760	Advanced Spatial Analysis and GIS Applications	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 5730 PR									
		COURSE DESC:		GIS based introduction to advanced spatial analysis and spatial decision making concepts. Understanding how proficiency with GIS and spatial analysis can be readily applied in a wide range of problem solving contexts in the social and natural sciences. Emphasis on spatial uncertainty and how it affects the quality of spatial analysis and spatial decision making.									
A&S	GEOG	GEOG	5770	Advanced Topics in Geoinformatics	LAB	LB	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	5770	Advanced Topics in Geoinformatics	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	5770	Advanced Topics in Geoinformatics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	5770	Advanced Topics in Geoinformatics	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In depth examination of emerging technologies, methods and research applications within the broad scope of GIS, Remote Sensing and Cartography. The specific content of this course will vary each time it is offered to enrich student needs and interests. Topics for the course when offered will be announced in the semester course schedule.									
A&S	GEOG	GEOG	5900	Special Topics in Geography	LEC	LE	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special topics in Geography.									
A&S	GEOG	GEOG	5910	Internship	INT	IN	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides qualifying students with credit for work-study experience in GIS, cartography, remote sensing, land-use planning, resource management, and other fields of applied geography. Supervised by geography faculty and evaluated by on-the-job supervisor.									
A&S	GEOG	GEOG	5911	Colloquium in Geography	SEM	SE	1	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Colloquium contents vary.									
A&S	GEOG	GEOG	6000	Seminar in Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	GEOG	6000	Seminar in Geography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	GEOG	6010	Seminar in Meteorology	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	GEOG	6010	Seminar in Meteorology	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									

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A&S	GEOG	GEOG	6150	Seminar in Geomorphology	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced study of selected themes in geomorphology conducted primarily through reading and discussion of the relevant, published research literature.									
A&S	GEOG	GEOG	6150	Seminar in Geomorphology	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced study of selected themes in geomorphology conducted primarily through reading and discussion of the relevant, published research literature.									
A&S	GEOG	GEOG	6160	Seminar in Biogeography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced topics and readings in biogeography.									
A&S	GEOG	GEOG	6160	Seminar in Biogeography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced topics and readings in biogeography.									
A&S	GEOG	GEOG	6210	Seminar in Population Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6210	Seminar in Population Geography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6220	Seminar in Historical Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6220	Seminar in Historical Geography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6250	Seminar in Political Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6250	Seminar in Political Geography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	GEOG	GEOG	6260	Seminar in Urban Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This seminar is designed to examine how politics, economy, and nature interrelate to shape urban issues.									
A&S	GEOG	GEOG	6260	Seminar in Urban Geography	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This seminar is designed to examine how politics, economy, and nature interrelate to shape urban issues.									
A&S	GEOG	GEOG	6290	Seminar in Economic Geography	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6290	Seminar in Economic Geography ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Seminar contents vary.									
A&S	GEOG	GEOG	6310	Seminar in Regional Geography: Africa ELIGIBLE GRADES: COURSE DESC:	RSC	RS	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Examines the nature of environmental and development interventions in Africa. Critically analyzes whose knowledge counts in the discourses of environmental conservation and development. Uses a critical geography lens to illustrate theory with several hot topics in African geography.									
A&S	GEOG	GEOG	6310	Seminar in Regional Geography: Africa ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Examines the nature of environmental and development interventions in Africa. Critically analyzes whose knowledge counts in the discourses of environmental conservation and development. Uses a critical geography lens to illustrate theory with several hot topics in African geography.									
A&S	GEOG	GEOG	6350	Seminar in Regional Geography: Latin America ELIGIBLE GRADES: COURSE DESC:	RSC	RS	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Seminar contents vary.									
A&S	GEOG	GEOG	6350	Seminar in Regional Geography: Latin America ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Seminar contents vary.									
A&S	GEOG	GEOG	6380	Seminar in Regional Geography: Asia ELIGIBLE GRADES: COURSE DESC:	RSC	RS	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR This seminar course critically examines both the changing geography of contemporary Asia and the history of Asian Studies as an academic discipline. Specific topics will include the geographical conception of Asia, the making of modern Asia, Cold War conflicts, economic development in contemporary Asia, and international trade, investment and migration within and beyond Asia. Particular attention will be paid to how the peoples and countries of Asia have changed geographically and how their changes have been understood in the study of Asia.									
A&S	GEOG	GEOG	6380	Seminar in Regional Geography: Asia ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR This seminar course critically examines both the changing geography of contemporary Asia and the history of Asian Studies as an academic discipline. Specific topics will include the geographical conception of Asia, the making of modern Asia, Cold War conflicts, economic development in contemporary Asia, and international trade, investment and migration within and beyond Asia. Particular attention will be paid to how the peoples and countries of Asia have changed geographically and how their changes have been understood in the study of Asia.									
A&S	GEOG	GEOG	6410	Seminar in Development: Environment and Development ELIGIBLE GRADES: COURSE DESC:	RSC	RS	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR The seminar examines the myriad interactions between development processes and environmental change in the developing world. Theoretical developments in political ecology provide a foundation for examining case studies. Topics include: indigenous knowledge, environmental discourses, environmental degradation, people and protected areas, environmental governance, and environmental social movements.									
A&S	GEOG	GEOG	6410	Seminar in Development: Environment and Development ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR The seminar examines the myriad interactions between development processes and environmental change in the developing world. Theoretical developments in political ecology provide a foundation for examining case studies. Topics include: indigenous knowledge, environmental discourses, environmental degradation, people and protected areas, environmental governance, and environmental social movements.									
A&S	GEOG	GEOG	6420	Seminar in Development: Theories of Development ELIGIBLE GRADES: COURSE DESC:	RSC	RS	4	8		N	G40		0
				GEC2: A-F, REQUISITE: PR Examines how different concepts and theories of (under)development have been produced, maintained and contested in different regions of the world and in different times.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6420	Seminar in Development: Theories of Development	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Examines how different concepts and theories of (under)development have been produced, maintained and contested in different regions of the world and in different times.									
A&S	GEOG	GEOG	6430	Seminar in Development: Gender and Development	RSC	RS	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Advanced topics and readings in gender and development.									
A&S	GEOG	GEOG	6430	Seminar in Development: Gender and Development	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Advanced topics and readings in gender and development.									
A&S	GEOG	GEOG	6470	Seminar in Resource Management	RSC	RS	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									
A&S	GEOG	GEOG	6470	Seminar in Resource Management	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									
A&S	GEOG	GEOG	6500	Seminar in Environmental Justice	RSC	RS	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: In this seminar environmental justice will be examined in both theory and praxis. Our discussions will range from contested ideas and discourses about environmental justice, to more grounded examples of political movements that seek to contest (in)justice in both urban and rural environments. Specific topics will likely include the conceptual genesis of environmental/social justice movements, distributional inequity of toxics proximity in poor/minority communities, overcoming procedural inequities of white privilege, negotiating urban amenities like forests and parks, overcoming urban food deserts through enhanced food security, the rights of nonhuman species to the city, among other topics.									
A&S	GEOG	GEOG	6500	Seminar in Environmental Justice	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: In this seminar environmental justice will be examined in both theory and praxis. Our discussions will range from contested ideas and discourses about environmental justice, to more grounded examples of political movements that seek to contest (in)justice in both urban and rural environments. Specific topics will likely include the conceptual genesis of environmental/social justice movements, distributional inequity of toxics proximity in poor/minority communities, overcoming procedural inequities of white privilege, negotiating urban amenities like forests and parks, overcoming urban food deserts through enhanced food security, the rights of nonhuman species to the city, among other topics.									
A&S	GEOG	GEOG	6600	Seminar in Cartography	RSC	RS	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									
A&S	GEOG	GEOG	6600	Seminar in Cartography	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									
A&S	GEOG	GEOG	6730	Seminar in GIScience	RSC	RS	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									
A&S	GEOG	GEOG	6730	Seminar in GIScience	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Seminar contents vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6900	Special Topics in Geography	RSC	RS	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	GEOG	6900	Special Topics in Geography	SEM	SE	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	GEOG	6930	Independent Study	IND	IS	1 to 12	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individual or small group students will have an independent study with faculty members.									
A&S	GEOG	GEOG	6950	Thesis	THE	TH	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Master thesis hours.									
A&S	GEOG	T3	4080	Environmentalism in America	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An exploration of environmentalism as a social movement. Traces the origins and history of environmentalism in the U.S., and examines various factions within the current movement as well as potential future directions. Synthesizes the interplay of environmentalism and religion, economics, politics, and science.									
A&S	GEOG	T3	4080	Environmentalism in America	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An exploration of environmentalism as a social movement. Traces the origins and history of environmentalism in the U.S., and examines various factions within the current movement as well as potential future directions. Synthesizes the interplay of environmentalism and religion, economics, politics, and science.									
A&S	GEOG	T3	4081	Landscape and Culture	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A cross-cultural examination of the ways in which human cultural values, traditions, and discourses are manifested, constructed, and materialized in the cultural landscape. Focuses on an examination of how the concepts of culture and cultural landscape have evolved over time within the discipline of human geography, with an emphasis on current post-structural conceptualizations. Synthesizes the connections between spatial organization, the social/cultural construction of place, and social power within the context of relevant social and literary theory. Traces and examines connections between cultural, environmental, economic, and political processes. Examines ways in which social discourse is materialized in the cultural landscape.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	1010	How The Earth Works	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the forces affecting our planet's surface and interior features. Topics include the origins of volcanoes, earthquakes, and mountain belts along with the ways they impact people's lives. Topics also include the roles of landslides and streams in shaping the Earth's surface, and the formation of earth materials and mineral resources. Intended for both science and nonscience majors seeking a nontechnical overview of the Earth's always changing and sometimes dramatic geology.									
A&S	GEOL	GEOL	1010	How The Earth Works	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the forces affecting our planet's surface and interior features. Topics include the origins of volcanoes, earthquakes, and mountain belts along with the ways they impact people's lives. Topics also include the roles of landslides and streams in shaping the Earth's surface, and the formation of earth materials and mineral resources. Intended for both science and nonscience majors seeking a nontechnical overview of the Earth's always changing and sometimes dramatic geology.									
A&S	GEOL	GEOL	1200	The Mobile Earth	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An examination of the earth's dynamic systems including continental drift, sea floor spreading, mountain building, volcanic activity, and earthquakes, and their explanation in terms of plate tectonic theory. Intended for both science and nonscience majors seeking a nontechnical overview of plate-tectonics.									
A&S	GEOL	GEOL	1300	Geology of the National Parks	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of the geologic features of the national parks of the United States, emphasizing the history of their geologic development.									
A&S	GEOL	GEOL	1350	Natural Disasters	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Analysis of threats associated with living on a dynamic planet. Focus on the origins and physical natures of hazardous geological events. Taught using case studies of actual disasters. Intended to convey how we can minimize our vulnerability to disasters by applying lessons learned from past earthquakes, volcanic eruptions, floods, landslides, and sinkhole collapses. Intended for science and nonscience majors seeking a basic understanding of geology and how it affects the human race.									
A&S	GEOL	GEOL	1400	Dinosaurs and the Mesozoic	LEC	EL	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the systematics, anatomy, physiology, ecology, evolution, and extinction of dinosaurs and other Mesozoic life, as well as a review of the science of paleontology and basic Earth history during the Mesozoic including climate, geography, tectonics, mass extinctions, and other major geologic events. The course will begin with an introduction to the sciences of paleontology and geology including an overview of the theories of plate tectonics and evolution, geologic time, relative and absolute age dating, and the fossil record. The history of the science of paleontology will also be explored as well as the different methods and techniques employed by modern paleontologists to ask and answer scientific questions about ancient life including dinosaurs. Topics will then focus on the physical, biological, and chemical conditions of the Mesozoic world and a general introduction to dinosaurs including their classification, anatomy, physiology, and behavior. Three major groups of dinosaurs will be discussed in detail, the Ornithischia, Sauropoda, and Therapoda in addition to other major components of Mesozoic ecosystems including marine reptiles, pterosaurs, mammals, insects, and plants. The course will conclude with an overview of the evolution of terrestrial and marine ecosystems during the Mesozoic and the causes and effects of the end Cretaceous mass extinction.									
A&S	GEOL	GEOL	1400	Dinosaurs and the Mesozoic	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the systematics, anatomy, physiology, ecology, evolution, and extinction of dinosaurs and other Mesozoic life, as well as a review of the science of paleontology and basic Earth history during the Mesozoic including climate, geography, tectonics, mass extinctions, and other major geologic events. The course will begin with an introduction to the sciences of paleontology and geology including an overview of the theories of plate tectonics and evolution, geologic time, relative and absolute age dating, and the fossil record. The history of the science of paleontology will also be explored as well as the different methods and techniques employed by modern paleontologists to ask and answer scientific questions about ancient life including dinosaurs. Topics will then focus on the physical, biological, and chemical conditions of the Mesozoic world and a general introduction to dinosaurs including their classification, anatomy, physiology, and behavior. Three major groups of dinosaurs will be discussed in detail, the Ornithischia, Sauropoda, and Therapoda in addition to other major components of Mesozoic ecosystems including marine reptiles, pterosaurs, mammals, insects, and plants. The course will conclude with an overview of the evolution of terrestrial and marine ecosystems during the Mesozoic and the causes and effects of the end Cretaceous mass extinction.									
A&S	GEOL	GEOL	1700	Metal, Stone, Energy, and Society	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of a broad array of Earth resources with the goal of examining the impact of those resources on society. The influence of plate-tectonic processes and Earth's evolution on resource distribution are considered. The manner in which technological changes in mineral processing are changing recycling rates and are fostering closer connections between industries, the environment, and society will be explored.									
A&S	GEOL	GEOL	2020	Introductory Geology Lab	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(GEOL 1200 or 1300 or 1350 or 1400 or 1700 or 2080 or 2110 or 2150 or 2210 or 2310 or 2710) and WARNING: No credit for this course if taken after the following: GEOL 1010 or 2830						
		COURSE DESC:		Laboratory covering mineral and rock identification, topographic and geologic map reading, and geologic time for students planning to major or minor in the geological sciences.									

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A&S	GEOL	GEOL	2080	Geology of the Solar System	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students can experience the thrill of geologic exploration of solid planets and moons in the solar system through the study of samples and knowledge obtained by manned and robotic spacecraft missions. Focuses on changing perceptions and advancement of knowledge with each new mission and discovery.									
A&S	GEOL	GEOL	2090	Gems, Jewels, and Crystals	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An exploration of the Earth's most valuable minerals, gems and jewels, with close study of how, where, and why they form. Topics also include how earth scientists discover, extract, and process the crystals on their way to their ultimate destination, the jewelry store. The course culminates in a close look at the geological and contextual origins of the world's most famous and valuable crystals.									
A&S	GEOL	GEOL	2110	Introductory Oceanography	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of physical, chemical, biological, and geological aspects of oceanography.									
A&S	GEOL	GEOL	2150	Environmental Geology	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for the first course taken): GEOL 2830 Survey of geological aspects of environmental crisis. Focus on major environmental processes, immediate and extended influence of humans, and prospects for future of physical environment. Presupposes no background in sciences.									
A&S	GEOL	GEOL	2170	Water Resources and Sustainability	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Sustainability of water resources is complicated because groundwater and surface water are connected, and the use of water resources should be in a manner that can be maintained for an indefinite time without causing unacceptable environmental, economic, or social consequences. The course emphasizes the importance of water resources and its sustainable development in the 21st Century. Students will learn fundamental concepts and theories related to the occurrence, movement, storage, quality, and sustainability of water resources. They will also be exposed to real-world issues of water resources sustainability, e.g., water risks, contamination, remediation, health, economics and disputes;the water-energy nexus water security; and efforts to improve sustainability of water resources.									
A&S	GEOL	GEOL	2170	Water Resources and Sustainability	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Sustainability of water resources is complicated because groundwater and surface water are connected, and the use of water resources should be in a manner that can be maintained for an indefinite time without causing unacceptable environmental, economic, or social consequences. The course emphasizes the importance of water resources and its sustainable development in the 21st Century. Students will learn fundamental concepts and theories related to the occurrence, movement, storage, quality, and sustainability of water resources. They will also be exposed to real-world issues of water resources sustainability, e.g., water risks, contamination, remediation, health, economics and disputes;the water-energy nexus water security; and efforts to improve sustainability of water resources.									
A&S	GEOL	GEOL	2210	Earth and Life History	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A nontechnical survey exploring the 4.5 billion-year history of the interaction between life and the environment. Topics include the origin of the Earth, the origin and development of life, the origin and evolution of the continents, the history of the atmosphere and ocean, catastrophic extinctions, and the impact of human evolution.									
A&S	GEOL	GEOL	2310	Water and Pollution	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The interrelationship between geologic and hydrologic principles and technology as they relate to the use of water resources and the environmental problems associated with its pollution.									
A&S	GEOL	GEOL	2550	Historical Geology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		GEOL 1010 or 2020 An introduction to the geologic history of the Earth, emphasizing the tectonic, stratigraphic, and climatic record of North America.									
A&S	GEOL	GEOL	2550	Historical Geology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		GEOL 1010 or 2020 An introduction to the geologic history of the Earth, emphasizing the tectonic, stratigraphic, and climatic record of North America.									
A&S	GEOL	GEOL	2710	Extreme Ancient Climates	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		GEOG 1100 or 2020 or GEOL 1010 or 2110 or 2150 Examination of Icehouse, Greenhouse, and Hothouse climates in Earth history from an Earth System Science perspective.									
A&S	GEOL	GEOL	2830	Geology for Engineers	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: GEOL 1010 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): GEOL 2150 Geologic principles applied to engineering projects and materials.									

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A&S	GEOL	GEOL	2830	Geology for Engineers	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for this course if taken after the following: GEOL 1010 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): GEOL 2150							
		COURSE DESC:		Geologic principles applied to engineering projects and materials.									
A&S	GEOL	GEOL	2900	Special Topics in Geological Sciences	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	GEOL	2900	Special Topics in Geological Sciences	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	GEOL	2970T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	2971T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	2980T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 2971T and HTC							
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	2981T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 2980T and HTC							
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	3050	Statistical Methods in Geology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 1010 or 2020 and GEOL major and WARNING: not ISE 3040 or ISE 3200 or QBA 2010							
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	GEOL	3050	Statistical Methods in Geology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 1010 or 2020 and GEOL major and WARNING: not ISE 3040 or ISE 3200 or QBA 2010							
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	GEOL	3092J	Geowriting	LEC	LE	3	0	1J	N	U30		70
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3150 and Jr standing and Warning: No credit if taken after ENG 3090J or ENG 309J							
		COURSE DESC:		Focuses on the skills needed to communicate research results in the geological sciences. Topics include abstract writing, proposal writing, speech presentation, poster construction, research to writing tips, and clear precise writing for papers and theses. Final assessment includes the completion of a research paper, an oral presentation on this paper, and a poster presentation on this research.									
A&S	GEOL	GEOL	3120	Earth Materials and Resources	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1210 or 1510) and (GEOL 1010 or 2020) and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): GEOL 3150							
		COURSE DESC:		An introduction to minerals and rocks, emphasizing common varieties and those important as mineral resources.									
A&S	GEOL	GEOL	3120	Earth Materials and Resources	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1210 or 1510) and (GEOL 1010 or 2020) and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): GEOL 3150							
		COURSE DESC:		An introduction to minerals and rocks, emphasizing common varieties and those important as mineral resources.									
A&S	GEOL	GEOL	3150	Mineralogy	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1220 or 1520) and (GEOL 1010 or 2020) and WARNING: No credit for GEOL 3120 if this course is taken							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									
A&S	GEOL	GEOL	3150	Mineralogy	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1220 or 1520) and (GEOL 1010 or 2020) and WARNING: No credit for GEOL 3120 if this course is taken							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	3201	Igneous & Metamorphic Petrology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3150									
				In second year geology, you are starting to build a breadth of knowledge in the geological sciences. More importantly, you are starting to learn the material which will make you a practicing geoscientist. All subjects are related and interconnected; you must now build on the knowledge learn in previous courses.									
				An introduction to the basic concepts of rock-forming processes in igneous and metamorphic environments. This includes concepts related to identification, classification and origin of volcanic rocks, igneous intrusions, and metamorphic rocks associated with plate collisions, burial and intrusions. More importantly, you will gain an overview and understanding of the fundamental geologic processes that form these rocks. While what we (mostly) see at the Earth's surface is sedimentary units; the mantle and major portions of the Earth's crust have been formed and modified by igneous and metamorphic activity. Therefore, an understanding of these activities is essential as a starting point for understanding the Earth. Also, the processes that formed these rocks are exciting and fun to study!									
A&S	GEOL	GEOL	3201	Igneous & Metamorphic Petrology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3150									
				In second year geology, you are starting to build a breadth of knowledge in the geological sciences. More importantly, you are starting to learn the material which will make you a practicing geoscientist. All subjects are related and interconnected; you must now build on the knowledge learn in previous courses.									
				An introduction to the basic concepts of rock-forming processes in igneous and metamorphic environments. This includes concepts related to identification, classification and origin of volcanic rocks, igneous intrusions, and metamorphic rocks associated with plate collisions, burial and intrusions. More importantly, you will gain an overview and understanding of the fundamental geologic processes that form these rocks. While what we (mostly) see at the Earth's surface is sedimentary units; the mantle and major portions of the Earth's crust have been formed and modified by igneous and metamorphic activity. Therefore, an understanding of these activities is essential as a starting point for understanding the Earth. Also, the processes that formed these rocks are exciting and fun to study!									
A&S	GEOL	GEOL	3300	Principles of Geomorphology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 1010 or 2020									
				Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.									
A&S	GEOL	GEOL	3300	Principles of Geomorphology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 1010 or 2020									
				Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.									
A&S	GEOL	GEOL	3400	Principles of Paleontology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 2550									
				Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									
A&S	GEOL	GEOL	3400	Principles of Paleontology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 2550									
				Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									
A&S	GEOL	GEOL	3500	Stratigraphy-Sedimentology	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3201									
				Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting. Satisfies half of the Tier I Junior Composition Equivalency JE requirement via a series of research and writing exercises culminating in a term paper at the end of the semester. The written work students submit deepens understanding of how professional writing in Geological Sciences is undertaken, and strengthens students abilities to analyze, evaluate, and synthesize primary literature sources in sedimentary geology journals. Writing and editing drafts will strengthen student skills in construction of compelling and logical arguments as well as critical assessment of the written work of other scientists.									
A&S	GEOL	GEOL	3500	Stratigraphy-Sedimentology	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3201									
				Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting. Satisfies half of the Tier I Junior Composition Equivalency JE requirement via a series of research and writing exercises culminating in a term paper at the end of the semester. The written work students submit deepens understanding of how professional writing in Geological Sciences is undertaken, and strengthens students abilities to analyze, evaluate, and synthesize primary literature sources in sedimentary geology journals. Writing and editing drafts will strengthen student skills in construction of compelling and logical arguments as well as critical assessment of the written work of other scientists.									
A&S	GEOL	GEOL	3600	Structural Geology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Principles of rock deformation and interpretation of folding and faulting and related topics. Field-oriented structural problems, structural maps, and use of stereographic projections.									
A&S	GEOL	GEOL	3600	Structural Geology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Principles of rock deformation and interpretation of folding and faulting and related topics. Field-oriented structural problems, structural maps, and use of stereographic projections.									
A&S	GEOL	GEOL	3910	Internship	INT	IN	1 to 15	999		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
				PR, F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides qualified students with the opportunity to receive credit for work experience directly related to the geological sciences. Supervised by geological sciences faculty and evaluated by an on-the-job supervisor. A report detailing the internship activities is required before credit is awarded.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	3970T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 2981T and HTC						
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	3980T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3970T and HTC						
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	4080	Planetary Geology	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3500 and Sr						
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									
A&S	GEOL	GEOL	4080	Planetary Geology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3500 and Sr						
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									
A&S	GEOL	GEOL	4090	Geology of Mars	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3120 or 3201						
		COURSE DESC:		Designed for students who want to discover aspects of the geologic, magmatic, surficial, and hydrologic evolution of the Red Planet. Students will read the latest research papers concerning Mars and discuss and debate their merits and relative contributions to the field of planetary geology.									
A&S	GEOL	GEOL	4160	Geology, Mining, and Economics of Ore Deposits	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3120 or 3150						
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	GEOL	4160	Geology, Mining, and Economics of Ore Deposits	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3120 or 3150						
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	GEOL	4170	Isotope Geology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3201						
		COURSE DESC:		Radiogenic and stable nuclides are a critical tool for dating materials, understanding planetary differentiation, and tracing provenance and process in all spheres of the earth. This course examines the theory and application of isotope geochemistry to a broad range of geologic topics. Radiometric isotope techniques (dating and geochemical tracing) are introduced through a discussion of atoms, isotopes, and radioactive decay systematics, followed by systematic discussion of a number of specific systems (e.g., uranium-lead). Applications of stable isotopes to investigating volcanism, and meteoric-hydrothermal systems are discussed. Concepts of mass-balance, mixing theory, and open and closed systems are introduced.									
A&S	GEOL	GEOL	4260	Principles of Geochemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 3201						
		COURSE DESC:		Overview of geochemical behavior of fluids that interact with rocks. Emphasis on solutions, equilibria, and thermodynamics in dilute solutions such as surface water, groundwater, and seawater. Magmatic waters also considered. Geochemical aspects of diagenesis, metamorphism, and radiometric dating also discussed.									
A&S	GEOL	GEOL	4270	Water Geochemistry	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)						
		COURSE DESC:		Geochemical origin of major ions in natural waters and the role of fluid-mineral interactions in the evolution of sediments, the ocean, and the atmosphere. Major geochemical cycles. Introduction to thermodynamic equilibrium, kinetics, complexation, oxidation-reduction, and cation exchange. Case studies of important geochemical and environmental issues.									
A&S	GEOL	GEOL	4270	Water Geochemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)						
		COURSE DESC:		Geochemical origin of major ions in natural waters and the role of fluid-mineral interactions in the evolution of sediments, the ocean, and the atmosphere. Major geochemical cycles. Introduction to thermodynamic equilibrium, kinetics, complexation, oxidation-reduction, and cation exchange. Case studies of important geochemical and environmental issues.									
A&S	GEOL	GEOL	4280	Physical Geochemistry	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F			REQUISITE: GEOL 4270						
		COURSE DESC:		Basic principles of physical chemistry for hydrogeologic, environmental, and geologic applications. Topics include adsorption and desorption reactions, chemistry of sulfur and iron, introduction to stable isotopes, transport mechanisms of chemical species, and origin, formation, and migration of oil.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4280	Physical Geochemistry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4270									
		COURSE DESC:		Basic principles of physical chemistry for hydrogeologic, environmental, and geologic applications. Topics include adsorption and desorption reactions, chemistry of sulfur and iron, introduction to stable isotopes, transport mechanisms of chemical species, and origin, formation, and migration of oil.									
A&S	GEOL	GEOL	4290	Contaminant Geochemistry	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4270 and Sr									
		COURSE DESC:		Provides students with knowledge of the chemical principles and processes involved in the generation and movement of contaminants. It will give students an understanding of the sources, fate, and chemical behavior of some of the most important classes of chemical pollutants.									
A&S	GEOL	GEOL	4320	Origin and Classification of Soils	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3300									
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	GEOL	4320	Origin and Classification of Soils	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3300									
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	GEOL	4390	Fluvial Geomorphology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 3150 or GEOL 3300									
		COURSE DESC:		Study of stream processes and human interactions with rivers, including the qualitative and quantitative techniques used to study natural and disturbed streams as presented in lecture and field settings.									
A&S	GEOL	GEOL	4430	Paleobiogeography	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	GEOL	4430	Paleobiogeography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	GEOL	4440	Ichnology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400 or 3500									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	GEOL	4440	Ichnology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400 or 3500									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	GEOL	4460	Earth Systems Evolution	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500 and (PHYS 2001 or 2051)									
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	GEOL	4460	Earth Systems Evolution	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500 and (PHYS 2001 or 2051)									
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	GEOL	4480	Paleocology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	GEOL	4480	Paleocology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	GEOL	4510	Diagenesis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500									
		COURSE DESC:		Critical view of diagenetic principles using numerous examples. Many topics are selected from recent journal articles. Students read, present, and discuss current literature, as well as writing a term paper.									

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COURSE LISTING
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A&S	GEOL	GEOL	4520	Depositional Environments	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Advanced coverage of depositional processes and environments. Latter part of course focuses on global sedimentation and events. Students read, present, and discuss current literature, as well as write a term paper.									
A&S	GEOL	GEOL	4530	Physical Limnology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)									
				Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.									
A&S	GEOL	GEOL	4530	Physical Limnology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)									
				Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.									
A&S	GEOL	GEOL	4540	Carbonate Depositional Systems I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Study of carbonate rocks in the modern and geologic record, including patterns and processes of sedimentation and diagenesis as well as depositional models.									
A&S	GEOL	GEOL	4540	Carbonate Depositional Systems I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Study of carbonate rocks in the modern and geologic record, including patterns and processes of sedimentation and diagenesis as well as depositional models.									
A&S	GEOL	GEOL	4541	Carbonate Depositional Systems II	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 4540 or concurrent									
				Field study of modern and Pleistocene carbonate rocks and depositional environments of the Bahamas. Involves a week long field trip during spring break and a post-field project.									
A&S	GEOL	GEOL	4560	Paleopedology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				The study of paleosols (fossil soils) throughout geologic time. Topics include an overview of soil formation and major soil processes, field and laboratory techniques in Paleopedology, the use of paleosols as paleoenvironmental indicators and stratigraphic markers, as well their application in paleogeographic, paleoecologic, and paleoclimatic reconstructions.									
A&S	GEOL	GEOL	4560	Paleopedology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				The study of paleosols (fossil soils) throughout geologic time. Topics include an overview of soil formation and major soil processes, field and laboratory techniques in Paleopedology, the use of paleosols as paleoenvironmental indicators and stratigraphic markers, as well their application in paleogeographic, paleoecologic, and paleoclimatic reconstructions.									
A&S	GEOL	GEOL	4570	Petroleum Geology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3600 or concurrent									
				Designed for geology students at the senior undergraduate and graduate levels. It will provide students with an understanding of the basic concepts and processes that govern a) the generation, migration, and trapping of hydrocarbon resources, and b) the fundamentals of exploration for, and exploitation of, these resources.									
A&S	GEOL	GEOL	4570	Petroleum Geology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3600 or concurrent									
				Designed for geology students at the senior undergraduate and graduate levels. It will provide students with an understanding of the basic concepts and processes that govern a) the generation, migration, and trapping of hydrocarbon resources, and b) the fundamentals of exploration for, and exploitation of, these resources.									
A&S	GEOL	GEOL	4580	Fluvial Sedimentology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Provides students with an understanding of how to interpret the depositional environment of sedimentary rocks deposited by rivers and the large and small-scale forces that control the formation and preservation of these deposits.									
A&S	GEOL	GEOL	4580	Fluvial Sedimentology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3500									
				Provides students with an understanding of how to interpret the depositional environment of sedimentary rocks deposited by rivers and the large and small-scale forces that control the formation and preservation of these deposits.									
A&S	GEOL	GEOL	4640	Regional Tectonics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3600									
				Global tectonics and structure of continental cratons and margins, mid-ocean ridges, island arcs, and major orogenic belts.									
A&S	GEOL	GEOL	4660	Geodynamics: The Earth's Interior	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: GEOL 3201									
				The application of gravitational, magnetic, seismological, and heat flow measurements to defining the geophysics of the solid earth, including its internal structure, dynamics, and evolution of Earth's core, mantle, and crust. Students synthesize the evidence during a series of technical writing assignments whose summaries and critiques of scientific papers combine to form an integrated term paper.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4670	Tectonophysics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500									
		COURSE DESC:		Quantitative modeling of solid earth physical processes. Physical properties of minerals, rocks, and unconsolidated materials. Modeling of tectonic plate flexure, geothermal heat flow, seismic wave propagation, and fault mechanics.									
A&S	GEOL	GEOL	4710	Advanced Environmental Geology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020) and Sr									
		COURSE DESC:		Covers the conceptual basis for understanding transport and reaction processes that govern change in many environmental systems. Emphasizes processes occurring at the three major environmental interfaces: air and water, water and the adjoining earthen material, and air and soil. Includes chemical and thermal equilibrium, chemical transport, and transport and transfer of energy across the interfaces.									
A&S	GEOL	GEOL	4730	Forensic Geoscience	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 4470 or BIOS 3640 or CHEM 4310 or GEOL 3500									
		COURSE DESC:		Introduction to geologic, geophysical, and geochemical techniques employed by forensic investigators. For majors in chemistry, biology, anthropology, and geology.									
A&S	GEOL	GEOL	4730	Forensic Geoscience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 4470 or BIOS 3640 or CHEM 4310 or GEOL 3500									
		COURSE DESC:		Introduction to geologic, geophysical, and geochemical techniques employed by forensic investigators. For majors in chemistry, biology, anthropology, and geology.									
A&S	GEOL	GEOL	4760	Subsurface Methods	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500									
		COURSE DESC:		Resume of drilling, sampling, and logging by electric, radioactivity, temperature, and neutron methods as applied to petroleum exploration, water, and engineering projects.									
A&S	GEOL	GEOL	4760	Subsurface Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500									
		COURSE DESC:		Resume of drilling, sampling, and logging by electric, radioactivity, temperature, and neutron methods as applied to petroleum exploration, water, and engineering projects.									
A&S	GEOL	GEOL	4800	Principles of Hydrogeology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (GEOL 1010 or 2020 or 2830) and (MATH 1300 or 2301) and (PHYS 2001 or 2051)									
		COURSE DESC:		Principles governing occurrence, movement, and recovery of water in soil and aquifers. Hydrologic cycle, water budget, hydrology of agriculture, watershed studies, water chemistry, and pollution.									
A&S	GEOL	GEOL	4800	Principles of Hydrogeology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (GEOL 1010 or 2020 or 2830) and (MATH 1300 or 2301) and (PHYS 2001 or 2051)									
		COURSE DESC:		Principles governing occurrence, movement, and recovery of water in soil and aquifers. Hydrologic cycle, water budget, hydrology of agriculture, watershed studies, water chemistry, and pollution.									
A&S	GEOL	GEOL	4811	Advanced Hydrogeology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4800									
		COURSE DESC:		Groundwater flow modeling, contamination, and remediation; loadings and reactive transport of nonpoint source pollutants and management in watersheds; flow and geochemical evolution of water in carbonate terrain; isotopes, climate change, and global hydrologic cycle.									
A&S	GEOL	GEOL	4811	Advanced Hydrogeology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4800									
		COURSE DESC:		Groundwater flow modeling, contamination, and remediation; loadings and reactive transport of nonpoint source pollutants and management in watersheds; flow and geochemical evolution of water in carbonate terrain; isotopes, climate change, and global hydrologic cycle.									
A&S	GEOL	GEOL	4830	Field Hydrology	LAB	LB	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Introduction to collection, analysis, and interpretation of hydrological field data.									
A&S	GEOL	GEOL	4850	Introduction to Applied Geophysics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2002 or 2052									
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.									
A&S	GEOL	GEOL	4850	Introduction to Applied Geophysics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2002 or 2052									
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.									
A&S	GEOL	GEOL	4860	Applied Seismology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4850									
		COURSE DESC:		Field methods and analysis techniques for seismic characterization of shallow subsurface, multichannel digital data acquisition, generalized reciprocal refraction, and common offset refraction techniques as practiced in environmental and geotechnical industries.									
A&S	GEOL	GEOL	4890	Advanced Topics in Hydrogeology	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4800									
		COURSE DESC:		In-depth study of an advanced or current topic in hydrogeology, exploring, but not limited to, such areas as karst hydrogeology, fracture flow hydrology, mine hydrology, unsaturated flow, and inverse modeling.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4900	Special Topics in Geological Sciences	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	GEOL	GEOL	4900	Special Topics in Geological Sciences	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	GEOL	GEOL	4901	Geologic Studies	LEC	LE	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Individual or small group independent study arranged with faculty members.									
A&S	GEOL	GEOL	4901	Geologic Studies	TUT	TU	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Individual or small group independent study arranged with faculty members.									
A&S	GEOL	GEOL	4902	Seminar in Geology	SEM	SE	1 to 2	8		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Seminar on specific topics in geological sciences. Content will vary with each offering.									
A&S	GEOL	GEOL	4940	Senior Thesis	RSC	RS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Independent research project requiring departmental approval of thesis proposal before registering. Required for departmental honors program, but can be taken by non-honors students if department approves.									
A&S	GEOL	GEOL	4960	Field Geology	LAB	LB	6	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3600									
		COURSE DESC:		Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.									
A&S	GEOL	GEOL	4970T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3980T and HTC									
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	4980T	Geological Sciences Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 4970T and HTC									
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	GEOL	5050	Statistical Methods in Geology	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	GEOL	5050	Statistical Methods in Geology	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	GEOL	5080	Planetary Geology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									
A&S	GEOL	GEOL	5080	Planetary Geology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5090	Geology of Mars	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed for students who want to discover aspects of the geologic, magmatic, surficial, and hydrologic evolution of the Red Planet. Students will read the latest research papers concerning Mars and discuss and debate their merits and relative contributions to the field of planetary geology.									
A&S	GEOL	GEOL	5092	Geowriting	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the skills needed to communicate research results in the geological sciences. Topics include abstract writing, speech presentation, poster construction, research to writing tips, and clear precise writing for papers and theses. Final assessment will include the completion of a research paper, an oral presentation on this paper as well as a poster presentation on this research.									
A&S	GEOL	GEOL	5120	Earth Materials and Resources	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to minerals and rocks, emphasizing common varieties and those important as mineral resources.									
A&S	GEOL	GEOL	5120	Earth Materials and Resources	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to minerals and rocks, emphasizing common varieties and those important as mineral resources.									
A&S	GEOL	GEOL	5150	Mineralogy	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									
A&S	GEOL	GEOL	5150	Mineralogy	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									
A&S	GEOL	GEOL	5160	Geology, Mining, and Economics of Ore Deposits	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	GEOL	5160	Geology, Mining, and Economics of Ore Deposits	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	GEOL	5170	Isotope Geology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Radiogenic and stable nuclides are a critical tool for dating materials, understanding planetary differentiation, and tracing provenance and process in all spheres of the earth. This course examines the theory and application of isotope geochemistry to a broad range of geologic topics. Radiometric isotope techniques (dating and geochemical tracing) are introduced through a discussion of atoms, isotopes, and radioactive decay systematics, followed by systematic discussion of a number of specific systems (e.g., uranium-lead). Applications of stable isotopes to investigating volcanism, and meteoric-hydrothermal systems are discussed. Concepts of mass-balance, mixing theory, and open and closed systems are introduced.									
A&S	GEOL	GEOL	5201	Igneous & Metamorphic Petrology	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		In second year geology, you are starting to build a breadth of knowledge in the geological sciences. More importantly, you are starting to learn the material which will make you a practicing geoscientist. All subjects are related and interconnected; you must now build on the knowledge learn in previous courses. An introduction to the basic concepts of rock-forming processes in igneous and metamorphic environments. This includes concepts related to identification, classification and origin of volcanic rocks, igneous intrusions, and metamorphic rocks associated with plate collisions, burial and intrusions. More importantly, you will gain an overview and understanding of the fundamental geologic processes that form these rocks. While what we (mostly) see at the Earth's surface is sedimentary units; the mantle and major portions of the Earth's crust have been formed and modified by igneous and metamorphic activity. Therefore, an understanding of these activities is essential as a starting point for understanding the Earth. Also, the processes that formed these rocks are exciting and fun to study!									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5201	Igneous & Metamorphic Petrology	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		In second year geology, you are starting to build a breadth of knowledge in the geological sciences. More importantly, you are starting to learn the material which will make you a practicing geoscientist. All subjects are related and interconnected; you must now build on the knowledge learn in previous courses. An introduction to the basic concepts of rock-forming processes in igneous and metamorphic environments. This includes concepts related to identification, classification and origin of volcanic rocks, igneous intrusions, and metamorphic rocks associated with plate collisions, burial and intrusions. More importantly, you will gain an overview and understanding of the fundamental geologic processes that form these rocks. While what we (mostly) see at the Earth's surface is sedimentary units; the mantle and major portions of the Earth's crust have been formed and modified by igneous and metamorphic activity. Therefore, an understanding of these activities is essential as a starting point for understanding the Earth. Also, the processes that formed these rocks are exciting and fun to study!									
A&S	GEOL	GEOL	5260	Principles of Geochemistry	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of geochemical behavior of fluids that interact with rocks. Emphasis on solutions, equilibria, and thermodynamics in dilute solutions such as surface water, groundwater, and seawater. Magmatic waters also considered. Geochemical aspects of diagenesis, metamorphism, and radiometric dating also discussed.									
A&S	GEOL	GEOL	5270	Water Geochemistry	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Geochemical origin of major ions in natural waters and the role of fluid-mineral interactions in the evolution of sediments, the ocean, and the atmosphere. Major geochemical cycles. Introduction to thermodynamic equilibrium, kinetics, complexation, oxidation-reduction, and cation exchange. Case studies of important geochemical and environmental issues.									
A&S	GEOL	GEOL	5270	Water Geochemistry	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Geochemical origin of major ions in natural waters and the role of fluid-mineral interactions in the evolution of sediments, the ocean, and the atmosphere. Major geochemical cycles. Introduction to thermodynamic equilibrium, kinetics, complexation, oxidation-reduction, and cation exchange. Case studies of important geochemical and environmental issues.									
A&S	GEOL	GEOL	5280	Physical Geochemistry	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic principles of physical chemistry for hydrogeologic, environmental, and geologic applications. Topics include adsorption and desorption reactions, chemistry of sulfur and iron, introduction to stable isotopes, transport mechanisms of chemical species, and origin, formation, and migration of oil.									
A&S	GEOL	GEOL	5280	Physical Geochemistry	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic principles of physical chemistry for hydrogeologic, environmental, and geologic applications. Topics include adsorption and desorption reactions, chemistry of sulfur and iron, introduction to stable isotopes, transport mechanisms of chemical species, and origin, formation, and migration of oil.									
A&S	GEOL	GEOL	5290	Contaminant Geochemistry	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides students with knowledge of the chemical principles and processes involved in the generation and movement of contaminants. It will give students an understanding of the sources, fate, and chemical behavior of some of the most important classes of chemical pollutants.									
A&S	GEOL	GEOL	5300	Principles of Geomorphology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.									
A&S	GEOL	GEOL	5300	Principles of Geomorphology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.									
A&S	GEOL	GEOL	5320	Origin and Classification of Soils	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	GEOL	5320	Origin and Classification of Soils	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	GEOL	5390	Fluvial Geomorphology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Study of stream processes and human interactions with rivers, including the qualitative and quantitative techniques used to study natural and disturbed streams as presented in lecture and field settings.									
A&S	GEOL	GEOL	5400	Principles of Paleontology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									
A&S	GEOL	GEOL	5400	Principles of Paleontology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5430	Paleobiogeography	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	GEOL	5430	Paleobiogeography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	GEOL	5440	Ichnology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	GEOL	5440	Ichnology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	GEOL	5460	Earth Systems Evolution	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	GEOL	5460	Earth Systems Evolution	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	GEOL	5480	Paleocology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	GEOL	5480	Paleocology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	GEOL	5500	Stratigraphy-Sedimentology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting.									
A&S	GEOL	GEOL	5500	Stratigraphy-Sedimentology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting.									
A&S	GEOL	GEOL	5510	Diagenesis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Critical view of diagenetic principles using numerous examples. Many topics are selected from recent journal articles. Students read, present, and discuss current literature, as well as writing a term paper.									
A&S	GEOL	GEOL	5520	Depositional Environments	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Advanced coverage of depositional processes and environments. Latter part of course focuses on global sedimentation and events. Students read, present, and discuss current literature, as well as write a term paper.									
A&S	GEOL	GEOL	5530	Physical Limnology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.									
A&S	GEOL	GEOL	5530	Physical Limnology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.									

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COURSE LISTING
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A&S	GEOL	GEOL	5540	Carbonate Depositional Systems I	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of carbonate rocks in the modern and geologic record, including patterns and processes of sedimentation and diagenesis as well as depositional models.									
A&S	GEOL	GEOL	5540	Carbonate Depositional Systems I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of carbonate rocks in the modern and geologic record, including patterns and processes of sedimentation and diagenesis as well as depositional models.									
A&S	GEOL	GEOL	5541	Carbonate Depositional Systems II	LAB	LB	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Field study of modern and Pleistocene carbonate rocks and depositional environments of the Bahamas. Involves a week long field trip during spring break and a post-field project.									
A&S	GEOL	GEOL	5550	Limnogeology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Geological aspects of ancient lake environments. Topics in lake models, geochemistry, sedimentology, and stratigraphy are selected from current literature for presentations and discussions.									
A&S	GEOL	GEOL	5560	Paleopedology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The study of paleosols (fossil soils) throughout geologic time. Topics include an overview of soil formation and major soil processes, field and laboratory techniques in Paleopedology, the use of paleosols as paleoenvironmental indicators and stratigraphic markers, as well their application in paleogeographic, paleoecologic, and paleoclimatic reconstructions.									
A&S	GEOL	GEOL	5560	Paleopedology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The study of paleosols (fossil soils) throughout geologic time. Topics include an overview of soil formation and major soil processes, field and laboratory techniques in Paleopedology, the use of paleosols as paleoenvironmental indicators and stratigraphic markers, as well their application in paleogeographic, paleoecologic, and paleoclimatic reconstructions.									
A&S	GEOL	GEOL	5570	Petroleum Geology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed for geology students at the senior undergraduate and graduate levels. It will provide students with an understanding of the basic concepts and processes that govern a) the generation, migration, and trapping of hydrocarbon resources, and b) the fundamentals of exploration for, and exploitation of, these resources.									
A&S	GEOL	GEOL	5570	Petroleum Geology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed for geology students at the senior undergraduate and graduate levels. It will provide students with an understanding of the basic concepts and processes that govern a) the generation, migration, and trapping of hydrocarbon resources, and b) the fundamentals of exploration for, and exploitation of, these resources.									
A&S	GEOL	GEOL	5580	Fluvial Sedimentology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students with an understanding of how to interpret the depositional environment of sedimentary rocks deposited by rivers and the large and small-scale forces that control the formation and preservation of these deposits.									
A&S	GEOL	GEOL	5580	Fluvial Sedimentology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students with an understanding of how to interpret the depositional environment of sedimentary rocks deposited by rivers and the large and small-scale forces that control the formation and preservation of these deposits.									
A&S	GEOL	GEOL	5600	Structural Geology	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Principles of rock deformation and interpretation of folding and faulting and related topics. Field-oriented structural problems, structural maps, and use of stereographic projections.									
A&S	GEOL	GEOL	5600	Structural Geology	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Principles of rock deformation and interpretation of folding and faulting and related topics. Field-oriented structural problems, structural maps, and use of stereographic projections.									
A&S	GEOL	GEOL	5640	Regional Tectonics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Global tectonics and structure of continental cratons and margins, mid-ocean ridges, island arcs, and major orogenic belts.									
A&S	GEOL	GEOL	5660	Geodynamics: The Earth's Interior	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Solid earth geophysics (gravity, magnetism, seismicity, heat flow) and internal structure, dynamics, and evolution of Earth's core, mantle, and crust.									
A&S	GEOL	GEOL	5670	Tectonophysics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Quantitative modeling of solid earth physical processes. Physical properties of minerals, rocks, and unconsolidated materials. Modeling of tectonic plate flexure, geothermal heat flow, seismic wave propagation, and fault mechanics.									

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A&S	GEOL	GEOL	5710	Advanced Environmental Geology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers the conceptual basis for understanding transport and reaction processes that govern change in many environmental systems. Emphasizes processes occurring at the three major environmental interfaces: air and water, water and the adjoining earthen material, and air and soil. Includes chemical and thermal equilibrium, chemical transport, and transport and transfer of energy across the interfaces.									
A&S	GEOL	GEOL	5730	Forensic Geoscience	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to geologic, geophysical, and geochemical techniques employed by forensic investigators. For majors in chemistry, biology, anthropology, and geology.									
A&S	GEOL	GEOL	5730	Forensic Geoscience	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to geologic, geophysical, and geochemical techniques employed by forensic investigators. For majors in chemistry, biology, anthropology, and geology.									
A&S	GEOL	GEOL	5760	Subsurface Methods	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Resume of drilling, sampling, and logging by electric, radioactivity, temperature, and neutron methods as applied to petroleum exploration, water, and engineering projects.									
A&S	GEOL	GEOL	5760	Subsurface Methods	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Resume of drilling, sampling, and logging by electric, radioactivity, temperature, and neutron methods as applied to petroleum exploration, water, and engineering projects.									
A&S	GEOL	GEOL	5800	Principles of Hydrogeology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles governing occurrence, movement, and recovery of water in soil and aquifers. Hydrologic cycle, water budget, hydrology of agriculture, watershed studies, water chemistry, and pollution.									
A&S	GEOL	GEOL	5800	Principles of Hydrogeology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles governing occurrence, movement, and recovery of water in soil and aquifers. Hydrologic cycle, water budget, hydrology of agriculture, watershed studies, water chemistry, and pollution.									
A&S	GEOL	GEOL	5811	Advanced Hydrogeology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Groundwater flow modeling, contamination, and remediation; loadings and reactive transport of nonpoint source pollutants and management in watersheds; flow and geochemical evolution of water in carbonate terrain; isotopes, climate change, and global hydrologic cycle.									
A&S	GEOL	GEOL	5811	Advanced Hydrogeology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Groundwater flow modeling, contamination, and remediation; loadings and reactive transport of nonpoint source pollutants and management in watersheds; flow and geochemical evolution of water in carbonate terrain; isotopes, climate change, and global hydrologic cycle.									
A&S	GEOL	GEOL	5830	Field Hydrology	LAB	LB	5	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Introduction to collection, analysis, and interpretation of hydrological field data.									
A&S	GEOL	GEOL	5850	Introduction to Applied Geophysics	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.									
A&S	GEOL	GEOL	5850	Introduction to Applied Geophysics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.									
A&S	GEOL	GEOL	5860	Applied Seismology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Field methods and analysis techniques for seismic characterization of shallow subsurface, multichannel digital data acquisition, generalized reciprocal refraction, and common offset refraction techniques as practiced in environmental and geotechnical industries.									
A&S	GEOL	GEOL	5890	Advanced Topics in Hydrogeology	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		In-depth study of an advanced or current topic in hydrogeology, exploring, but not limited to, such areas as karst hydrogeology, fracture flow hydrology, mine hydrology, unsaturated flow, and inverse modeling.									
A&S	GEOL	GEOL	5900	Special Topics in Geological Sciences	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									

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A&S	GEOL	GEOL	5900	Special Topics in Geological Sciences	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	GEOL	5960	Field Geology	LAB	LB	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.									
A&S	GEOL	GEOL	6530	Sequence Stratigraphy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles governing the use of relative changes in sea level to interpret sedimentary sequences with an emphasis on field and core examples.									
A&S	GEOL	GEOL	6650	Basin Tectonics and Hydrocarbon Exploration	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Overview of sedimentary and structural basins in passive, convergent, and transform settings with application to their potential for hydrocarbon accumulation.									
A&S	GEOL	GEOL	6650	Basin Tectonics and Hydrocarbon Exploration	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Overview of sedimentary and structural basins in passive, convergent, and transform settings with application to their potential for hydrocarbon accumulation.									
A&S	GEOL	GEOL	6900	Special Topics in Geological Sciences	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	GEOL	6900	Special Topics in Geological Sciences	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	GEOL	6901	Geologic Studies	SEM	EL	1 to 6	30		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Individual or small group independent study arranged with faculty members.									
A&S	GEOL	GEOL	6901	Geologic Studies	SEM	SE	1 to 6	30		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Individual or small group independent study arranged with faculty members.									
A&S	GEOL	GEOL	6902	Advanced Seminar in Geology	SEM	SE	1 to 2	10		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Intensive study of selected geologic topics by special groups. (Several seminars may be held concurrently.)									
A&S	GEOL	GEOL	6921	Colloquium in Geology	SEM	SE	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Advanced seminar on current research in geology.									
A&S	GEOL	GEOL	6940	Research in Geology	RSC	RS	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Individual research projects arranged with faculty members.									
A&S	GEOL	GEOL	6944	Teaching Methods in Geology	LEC	LE	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Practicum in pedagogical methods for geology teaching assistants.									
A&S	GEOL	GEOL	6950	Thesis	THE	TH	1 to 15	135		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Individual research toward a graduate thesis supervised by faculty member.									

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A&S	GEOL	T3	4090	Geologic Resources	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES:	GEC1: A-F	REQUISITE:	4 Hours in GEOL and Sr only						
				COURSE DESC:	Examination of metals, industrial minerals, gems, and energy resources and their role in shaping the history of civilization, its current issues, and its future challenges.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	CH	6010	Introduction to Contemporary History	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to CH institute or PERM PR									
		COURSE DESC:		Investigates the nature of contemporary history, major philosophical and conceptual approaches, interpretive trends, and methodologies.									
A&S	HIST	CH	6020	Issues in Contemporary History	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: CH 6010 PR									
		COURSE DESC:		Focuses on contemporary issues with policy implications. Students apply the conceptual and methodological approaches encountered in CH 6010 to selected problems facing current decision-makers.									
A&S	HIST	CH	6900	Special Topics in Contemporary History Institute	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	CH	6900	Special Topics in Contemporary History Institute	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	CH	6930	Special Project in Contemporary History	IND	IS	1 to 6	8		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CH 6020 CR, PR									
		COURSE DESC:		Individualized study, usually in the form of a one-on-one tutorial with an outside expert, although internships or enrollment in courses at other universities can be used to fulfill this requirement.									
A&S	HIST	HIST	1210	Western Civilization: Antiquity to 1500	DIS	DI	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Origins of Western heritage from antiquity to 1500. Included are such topics as religion, philosophy, literature, and visual arts, as well as major political events and developments.									
A&S	HIST	HIST	1210	Western Civilization: Antiquity to 1500	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Origins of Western heritage from antiquity to 1500. Included are such topics as religion, philosophy, literature, and visual arts, as well as major political events and developments.									
A&S	HIST	HIST	1220	Western Civilization: Modernity from 1500	DIS	DI	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		What is the West? Is there indeed a coherent, identifiable Western heritage? If so, what is distinctive about the West's heritage? And what, further, is distinctive about the West's modern heritage?									
				Addresses these questions by way of an examination of major intellectual, cultural, and political developments from 1500 until the present. Topics to be considered include the Renaissance; the religious Reformations of the 16th- century; absolutism, constitutional monarchy, and enlightened despotism; the Scientific Revolution and the Enlightenment; the American and French Revolutions; industrialization and nation building; modernism; imperialism and the World Wars; and the rise and fall of totalitarian regimes in the 20th- century.									
A&S	HIST	HIST	1220	Western Civilization: Modernity from 1500	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		What is the West? Is there indeed a coherent, identifiable Western heritage? If so, what is distinctive about the West's heritage? And what, further, is distinctive about the West's modern heritage?									
				Addresses these questions by way of an examination of major intellectual, cultural, and political developments from 1500 until the present. Topics to be considered include the Renaissance; the religious Reformations of the 16th- century; absolutism, constitutional monarchy, and enlightened despotism; the Scientific Revolution and the Enlightenment; the American and French Revolutions; industrialization and nation building; modernism; imperialism and the World Wars; and the rise and fall of totalitarian regimes in the 20th- century.									
A&S	HIST	HIST	1222	Medieval History in Film & Literature	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introductory multimedia survey of medieval society and culture, especially but not exclusively European. The Middle Ages are commonly seen as primitive and barbaric, as pure and romantic, or as an infantile version of the modern world. This course invites students to test those generalizations against more critical views. Focus is on violence and religious life, two topics with a surprising amount of overlap between them. Along with reading primary sources, including warrior epics and saints' lives, students analyze a variety of films ranging from famous to obscure, artistic to graphic. Whatever the medium, we are concerned with improving our critical and interpretative skills, and with better understanding the challenges and possibilities for engaging with cultures other than our own.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	1320	Introduction to World History Before 1750 ELIGIBLE GRADES: COURSE DESC:	DIS	DI	3	0	2CP	N	U10		0
				GEC1: A-F REQUISITE: Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the history of the rise of civilization, world religions, and trading systems.									
A&S	HIST	HIST	1320	Introduction to World History Before 1750 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U10		0
				GEC1: A-F REQUISITE: Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the history of the rise of civilization, world religions, and trading systems.									
A&S	HIST	HIST	1330	Introduction to World History Since 1750 ELIGIBLE GRADES: COURSE DESC:	DIS	DI	3	0	2CP	N	U10		0
				GEC1: A-F REQUISITE: Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the rise of nationalism, modernization, and westernization, in order to understand the nature of global and cultural interaction in the modern era.									
A&S	HIST	HIST	1330	Introduction to World History Since 1750 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U10		0
				GEC1: A-F REQUISITE: Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the rise of nationalism, modernization, and westernization, in order to understand the nature of global and cultural interaction in the modern era.									
A&S	HIST	HIST	2000	Survey of United States History, 1600-1877 ELIGIBLE GRADES: COURSE DESC:	DIS	DI	3	0	2SS	N	U10		0
				GEC1: A-F REQUISITE: A survey of American history from colonial origins through Reconstruction. The major political, social, cultural, and economic developments are discussed.									
A&S	HIST	HIST	2000	Survey of United States History, 1600-1877 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2SS	N	U10		0
				GEC1: A-F REQUISITE: A survey of American history from colonial origins through Reconstruction. The major political, social, cultural, and economic developments are discussed.									
A&S	HIST	HIST	2010	Survey of United States History, 1865-present ELIGIBLE GRADES: COURSE DESC:	DIS	DI	3	0	2SS	N	U10		0
				GEC1: A-F REQUISITE: A survey of American history from Reconstruction to the present. The major political, social, cultural, and economic developments are discussed.									
A&S	HIST	HIST	2010	Survey of United States History, 1865-present ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2SS	N	U10		0
				GEC1: A-F REQUISITE: A survey of American history from Reconstruction to the present. The major political, social, cultural, and economic developments are discussed.									
A&S	HIST	HIST	2200	A Global Military History from Antiquity to the Present ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2SS	N	U30		0
				GEC1: A-F REQUISITE: This is a survey on war in world history from ancient kingdoms and empires to present-day conflicts. These themes are central: war and the state; war and society; war and culture; war and trade; and conflict resolution. In the twenty-first century, the definition of "war" has broadened from our modern understanding as an armed conflict between states. Today, war is better defined as an armed conflict between organized groups, which includes states, terrorist groups, militias and warlords, and crime syndicates. "World," too, has taken on broader meaning: it is not simply a geographic term, but connotes connections between states and people. Studying war in history allows students to consider how societies have responded to change under duress, how technology has spread across the globe, how empires were built and how they collapsed, how ancient empires became modern states, and how modern culture emerged from the rubble of wars.									
A&S	HIST	HIST	2270	The Middle East and the World ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: This course offers students an opportunity to critically explore the historical connections between Middle East history and other parts of the world. Structured as a chronological survey spanning the period of 600-1990 AD, the course covers events and processes related to developments in politics, economics, social organization, religion, science and technology, and culture. It highlights key moments in which dynamics in the Middle East shaped other parts of the world. Equally important will be those moments in which developments in other parts of the world helped shape the region. The survey will draw on connections between the Middle East and multiple other regions: Africa, South Asia, Southeast Asia, Europe, and the Americas. No prior historical or regional knowledge necessary.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	DIS	DI	3	0	2SS	N	U30		0
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	DIS	EL	3	0	2SS	N	U30		0
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	LEC	EL	3	0	2SS	N	U30		0
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	LEC	LE	3	0	2SS	N	U30		0
A&S	HIST	HIST	2460	The Rise of Modern Asia GEC1: A-F REQUISITE: Introductory survey of the history of Asia from the early modern era to the present day. Emphasis on the rise of modern nationalism, economic development, and social and cultural achievements.	LEC	LE	3	0	2CP	N	U10	CORRESPOND	0
A&S	HIST	HIST	2530	Life, Love, and Death in the Medieval World GEC1: A-F REQUISITE: This course explores life in medieval Europe through the interpretation of contemporary sources, including saints' lives, chronicles written by conquerors and the conquered, first-hand murder accounts, and how-to guides composed for lovers, monks, knights, and architects. Lectures will also introduce evidence from archaeology and the visual arts to complement the literary record. This is a thematic course rather than a chronological survey. General topics include The World Around Them, Rules of Love, Culture of Violence, and Visions of the End.	LEC	LE	3	0	2HL	N	U30		0
A&S	HIST	HIST	2900	Special Topics in History GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	HIST	HIST	2900	Special Topics in History GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	HIST	HIST	2905	Technology in World History GEC1: A-F REQUISITE: From hand tools, stirrups, and windmills to lasers, batteries, and biotechnology, human history and technology can only be understood together. This course explores the ways in which technology has shaped human society from antiquity to the twentieth century. Beginning with a chronological survey that highlights key moments in in pre-modern societies, it then focuses on important themes in the last several centuries. These themes include transportation, industry, agriculture, war, and the environment, among others. In this way, technology provides a critical perspective for understanding modernization in a global context.	LEC	LE	3	0	2SS	N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	2950	Introductory History Seminar	SEM	SE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Fr or Soph							
		COURSE DESC:		Introduce students to the methods and sources used in the study of history. Students will read original sources and historical scholarship on a particular period or theme in history. Each week individuals will help lead discussion of the assigned readings, so that all students will encounter the challenges and rewards of scholarly exchange. Also provides students the chance to interact with each other and their professor in a small class environment.									
A&S	HIST	HIST	2970T	Honors Tutorial Seminar	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and HTC							
		COURSE DESC:		Honors tutorial on topics in History									
A&S	HIST	HIST	2971T	Honors Tutorial Study, Second Year, Non-thesis	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and HTC							
		COURSE DESC:		Individualized tutorial for HTC students only.									
A&S	HIST	HIST	2980T	Honors Tutorial Study	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and HTC							
		COURSE DESC:		Honors tutorial on topics in History									
A&S	HIST	HIST	2981T	Honors Tutorial Study, Second Year, Non-thesis	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and HTC							
		COURSE DESC:		Individualized tutorial for HTC students only.									
A&S	HIST	HIST	3000	Atlantic History	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	HIST	3000	Atlantic History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	HIST	3002	Colonial British North America	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	HIST	3002	Colonial British North America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	HIST	3004	Revolutionary Era	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Causes of American Revolution and struggle for independence. Confederation, movement for new government, framing of Constitution.									
A&S	HIST	HIST	3008	Early U.S. Republic	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3018	History of the American South to 1900 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3018	History of the American South to 1900 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3020	Survey of American Indian History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Treats Indian societies before European contact; cultural contact, negotiation, and conflict with Spanish, English, and French settlers; United States policy toward Indians; and Indian peoples' diverse strategies of preservation, adaptation, resistance, and accommodation from first contact to the present.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3030	United States in World War II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3030	United States in World War II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3050	The United States and the Vietnam War ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examination of American experience in Vietnam, both in terms of military and diplomatic history of war itself, and its impact on American society.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3060	American Environmental History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of the evolution, from 1492 to the present, of American attitudes toward and interactions with the natural world, including such topics as the Columbian Exchange, romanticism, the Western frontier, conservation, the "land ethic," and environmental policy in the 1960s and 1970s.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3070	Famous Trials in American History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Uses the medium of famous trials to explore the relationship between law and society in American history from the 17th- to the 20th- centuries. Some of the cases studied are landmarks in the history of law, while others provide social and cultural insights into a particular period of American history. Along the way, the class considers the role of governmental entities, the legal profession, the judiciary, the press, and the public in famous trials.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3081	The Civil War and its Aftermath ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores the diverse individuals and processes that brought about the U.S. Civil War, determined its course and outcome, and shaped a complicated and contested settlement. Themes will include military engagements, expansionism, increased sectionalism, race and slavery, political parties, society and institutions in the Union and Confederacy, attempts to restructure Southern society, and developments at the national level in the post-war period.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3090	American Constitutional History, Part 1: Origins to Reconstruction ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Traces the history of American constitutionalism from its English roots through the aftermath of the Civil War. While the purview is not restricted to the federal constitution, that document will form its chief focus. Ideas, institutions, and individuals responsible for the construction of America's unique constitutional heritage are studied in detail.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3095	American Constitutional History, 1880s-Present ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Studies the history of American Constitutionalism from the last half of the 19th- century to the last half of the 20th. Concentration on the Federal Constitution and its role in shaping the public and private lives of Americans. Particular attention will be paid to the ideas, institutions, and individuals responsible for making the Constitution a battleground rife with intellectual, social, and cultural significance.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3100	Emergence of the Modern United States: Progressive Era and Roaring Twenties GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3100	Emergence of the Modern United States: Progressive Era and Roaring Twenties GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3104	United States, 1945-Present GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3104	United States, 1945-Present GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3106	History of American Conservatism GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3106	History of American Conservatism GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3110	History of Public Health Disasters GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3110	History of Public Health Disasters GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3111J	Historical Research and Writing GEC1: A-F REQUISITE: Permission required and HIST major and (Jr or Sr) COURSE DESC: Deals with techniques and mechanics of historical research and writing. After introduction to use of primary and secondary sources and use of history reference material, students are guided through steps of research and writing; compiling bibliography, analysis of sources, organization of evidence, and style and composition of written paper.	SEM	SE	3	0	1J	I	U30		75
A&S	HIST	HIST	3140	Pop/High Culture in 20th Century America GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Examines the history of popular and high culture, as well as their intersection, during the 20th-century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.	LEC	EL	3	0		N	U30		0

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A&S	HIST	HIST	3140	Pop/High Culture in 20th Century America ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.									
A&S	HIST	HIST	3144	US Social History in the 20th century ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.									
A&S	HIST	HIST	3144	US Social History in the 20th century ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.									
A&S	HIST	HIST	3146	American Ideas, 20th- Century ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr A study of big ideas in the American past. Moves chronologically from the Progressive Era up to the present while examining themes that include liberalism, conservatism, democracy, secularization, the role of religion in American life, theology, the threat of totalitarianism abroad, the rise of postmodernism and relativism, and other key issues. Ideas will be explored in historical context and related to key events and developments.									
A&S	HIST	HIST	3148	Cultural Rebels in the Modern U.S. ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines the history of cultural rebellion (or radicalism) in the 20th- century. Surveys rebellion from Greenwich Village at the turn of the century to the punk rock explosion of the 1970s and '80s. Larger questions include: How do people rebel in a culture that often seems to embrace rebellion? How do cultural rebels communicate their anger to the wider society? What impact does cultural rebellion make in American history?									
A&S	HIST	HIST	3150	Survey of African American History ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Survey of African American History from the middle passage to the present. The development of African society in the American diaspora. Different societies under slavery. The abolitionist movement with the role of Black abolitionists. The Civil War and its impact on slavery. Examines the interaction between the African American community and the larger society. Reconstruction and its impact; the wars of the 20th- century and their continuing effects on African Americans, migration to the North, the Civil Rights movement, and the problems of equality.									
A&S	HIST	HIST	3162	History of U.S. Involvement in World Affairs, 1898-1945 ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	3162	History of U.S. Involvement in World Affairs, 1898-1945 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	3164	History of U.S. Involvement in World Affairs, 1945-Present ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	3164	History of U.S. Involvement in World Affairs, 1945-Present ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.									

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A&S	HIST	HIST	3170	Survey of Ohio History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of Ohio history, from the time of the Mound builders, through the conflicts between the British and French empires, to the creation of Ohio as a state. Much of the focus is on the events of the 19th- century, as Ohio was a central battleground in conflicts over slavery and abolition, and labor and industrial groups. Also examines the process of deindustrialization in the later half of the 20th- century.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3200	Women in American History Before 1877 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: American women's history from the colonial era through Reconstruction. Topics include the traditional life of Native American women, witchcraft in colonial New England, women in the American Revolution, African- American women in slavery, early American childbirth customs, the early women's rights crusade, women on the trans-Mississippi frontier, and women in the Civil War.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3201	Women in American History Since 1877 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: American women's history since Reconstruction. Topics include the experiences of immigrant women in the United States, prostitution in the Gilded Age, the Progressive Era birth-control movement, achievement of the right to vote, women in the two world wars, women in the civil rights movement, the new feminist movement, the backlash against feminism, Roe v. Wade and the abortion debate.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3202	Women's Health and Medicine in U.S. History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines, from the colonial era to the present, changes in the medical treatment of women and changes in the definition of women's health and illness. Topics to be explored include the history of women and domestic health; women and public health; pregnancy, prenatal care, and prenatal testing; birth; breastfeeding; birth control; abortion; menstruation; menopause; infertility and assisted reproductive technologies; sexually-transmitted infections; women and addiction; breast cancer; and the impact of the inadequacies and inequities of contemporary health policy on women.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3211	American Military History, 1600-Present ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3211	American Military History, 1600-Present ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3213	War, Violence, Modernity ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3213	War, Violence, Modernity ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3220	1960s in U.S.: Decade of Controversy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3220	1960s in U.S.: Decade of Controversy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.	LEC	LE	3	0		N	U30		0

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A&S	HIST	HIST	3224	The 1980s in the U.S.: The Age of Reagan and Madonna GEC1: A-F REQUISITE: Soph or Jr or Sr Examines a pivotal decade, which has helped to shape the politics and culture of contemporary America. The focus will be on the presidency of Ronald Reagan and the growth of conservatism as well as liberal criticism of Reagan's social, economic, and international policies. Special attention will be given to the decade's "culture wars" as well as the ways that new technology and cable networks such as CNN and MTV created new celebrities such as Madonna and helped blur the lines between entertainment and politics. The course also examines the end of the Cold War and its effects on the U.S. world role.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3230	Latin American History: The Colonial Era GEC1: A-F REQUISITE: Soph or Jr or Sr Examines historical origins of Latin American society. Themes include internal nature of Iberian and pre-Columbian Indian societies, circa 1492; conquest and subordination of Amerindian civilizations by Spain and Portugal; distribution of power, land, and labor in post-conquest Latin America; order and instability in colonial society; and region's position in international economy.	LEC	LE	3	0	2CP	N	U30		0
A&S	HIST	HIST	3231	Latin American History: From Independence to the Present GEC1: A-F REQUISITE: Soph or Jr or Sr Examines Latin American history in the 19th- and 20th- centuries, focusing on causes and consequences of Independence; the political, social and economic challenges of nation-state formation; competing political/ideological responses to structural crisis in the 20th- century (social revolution, authoritarianism, democratic change); and ongoing search for viable formulas of economic development.	LEC	LE	3	0	2CP	N	U30		0
A&S	HIST	HIST	3232	History of Brazil GEC1: A-F REQUISITE: Soph or Jr or Sr Examines the history of Brazil from the colonial period to the late 20th- century, focusing on the role colonization; slavery; race and racism played in the social, political, and cultural formation; and development of the modern Brazilian nation.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3233	The History of Modern Mexico GEC1: A-F REQUISITE: Soph or Jr or Sr Examination of social, political, economic and political development in Mexico during the 19th- and 20th- centuries. Special attention given to indigenous peoples, nation-state formation, modernization, revolution, consolidation of a one-party state, and democratization.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3250	History of U.S.- Latin American Relations GEC1: A-F REQUISITE: Soph or Jr or Sr Survey of inter-American relations from the 19th- century. Focuses on evolving, and often conflicting, definitions of national interest that have shaped the United States and Latin American policy orientations toward each other.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3270	Slavery in the Americas GEC1: A-F REQUISITE: Soph or Jr or Sr Examines the lives and experiences of slaves of African origin and descent as revealed by themselves in slave accounts and other documents. Explores, in a comparative perspective, African and Afro-American agency and identity in various New World societies.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3281	Jewish History Since 1492 GEC1: A-F REQUISITE: Soph or Jr or Sr History of the Jewish people since 1492, covering developments in religion, culture and society in Europe, America and the Middle East, especially the themes of diaspora, Emancipation, secularization, Reform and Conservative movements, Zionism, the impact of immigration, the World Wars, the Holocaust and the foundation of the State of Israel.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3290	Ancient Near East: Egypt, Mesopotamia, and the Levant GEC1: A-F REQUISITE: Soph or Jr or Sr Begins with the Neolithic Revolution and the origins of civilization in the Ancient Near East and Egypt, including the Sumerians, Babylonians, Egyptians, Hebrews, Philistines, Phoenicians and Persians. Assignments and lectures are based on both archaeological and literary sources.	LEC	LE	3	0		N	U30	CCE	0
A&S	HIST	HIST	3291	Ancient Greece GEC1: A-F REQUISITE: Soph or Jr or Sr Begins with the emergence of the ancient Greeks of the Mycenaean Age and Homer's epics, moving on to the emergence of city-states with a focus on Athens and Sparta. Will also cover political and military history from the Persian wars to the conquests of Alexander the Great. Students will also learn about the society and culture of ancient Greece, including topics such as slavery, women's lives, religion and philosophy. Assigned reading includes histories, poems, philosophy, and dramatic works, as well as visual arts and archaeological evidence.	LEC	LE	3	0		N	U30	CORRESPOND	0

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A&S	HIST	HIST	3292	Ancient Rome ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Begins with the Etruscans and the origins of Rome, continuing through the Roman Republic and Empire. Topics include Rome's military success, civil wars and political transformations, as well as religion, culture and daily life. Assignments are based on primary sources, including historical, literary and documentary texts as well as archaeological discoveries.									
A&S	HIST	HIST	3293	World of Late Antiquity: Culture and Society in the Late Roman Empire ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: Beginning in the third century, the mighty Roman Empire began its slow but inevitable decline and fall, brought to a decisive end by the barbarian invasions of the late fourth and fifth century, epitomized by the sack of Rome by Goths in 410 and Vandals in 455, and terminated with the deposition of the last western emperor in 476. That is one vision of the period sometimes called Late Antiquity. The other vision sees the transformation of classical culture, closely related to the emergence of Christianity, and diverse political and social changes that would live on long after the imperial political order disappeared in the west. This course will take account of both these visions, with a strong preference for continuity over decline. Readings and lectures will explore important aspects of political, intellectual, religious, and social change. Discussions and written assignments will depend on the interpretation of primary sources, including a wide variety of literary and material evidence. The course is a bridge between the courses on the Roman Empire and Barbarian West, but students are not expected to have taken either course.									
A&S	HIST	HIST	3301	African History Through Film ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Explores transformations in the nature of African societies, cultures and economies in the 20th- century, particularly in the post-1960 period. Film is used as a medium for studying issues as they are understood by Africans themselves. African filmmakers seen as social historians, historians concerned with the everyday nature of the lives of common people.									
A&S	HIST	HIST	3320	Women, Gender, and Sexuality in Middle East History ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Middle East history from the rise of Islam to the contemporary period, with particular attention to changing practices and discourses regarding women, gender, and sexuality. A key topic of concern is the changing Islamic legal interpretations on seclusion, veiling, marriage, divorce, inheritance, and abortion. Also important will be the experience of free and enslaved women of ruling families and elite households. The course will conclude with the changing nature of gender identities, practices, and roles in the 19th-century transformations, colonial rule, nationalist and labor movements, literary genres, authoritarian state formation, various modes of economic development, political Islam, occupation, and war.									
A&S	HIST	HIST	3330	Oil, the Persian Gulf, and World Power ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Examines the international politics of oil from a historical perspective, emphasizing the importance of the Persian Gulf. Topics include the roots and guiding principles behind oil policy; oil in the two world wars; postwar changes in global oil production, culminating in the oil crisis of the 1970s; the pattern and end of the British dominance in the Gulf; the subsequent expansion of the United States commitments in the region since the 1970s; the role of local nation-states, in particular Iran, Iraq, and Saudi Arabia; oil today, and prospects for the future.									
A&S	HIST	HIST	3360	History of North Africa ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Survey of the geographical setting, ethnic composition of the region; political, economic, and cultural developments from antiquity to the 19th- century; European colonization and African resistance; rise of nationalism; struggle for political independence; political, economic, and social problems in independent North Africa; North Africa in world affairs.									
A&S	HIST	HIST	3370	Middle East History 600 to 1500 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Middle East history from the rise of Islam up to the emergence of the Gunpowder Empires of the Ottomans and Safavids. Topics include the establishment of the first Muslim community, the development and expansion of the Muslim state under various caliphates, the Islamic Golden Age, the Crusades, Mongol and Turkic invasions, developments in Islamic theologies and movements, and the nature of relations between Arab, Armenian, Kurdish, Persian, and Turkic communities.									
A&S	HIST	HIST	3371	Middle East History 1500 to the present ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Middle East history from the consolidation of the Gunpowder Empires of the Ottomans and Safavids through the Arab uprisings. Topics include the Turko-Mongolian tradition of state building, the shifting balance of power with Europe, the 19th-century transformation, World War I and the emergence of the contemporary Middle East, colonial rule, nationalist, communist, labor, and Islamist mobilizations, the Israeli-Palestinian-Arab conflict, the Iranian Revolution, authoritarian rule, different modes of economic development, various wars, US policy, and the Arab uprisings.									
A&S	HIST	HIST	3372	Protest, Rebellion, and Revolution in the Modern Middle East ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr This course provides an exploration of the history of mass politics in the modern Middle East. It takes as its central concern the emergence of popular politics and mass mobilizations in the 19th century and subsequent attempts to organize and manage them. Topics include late 19th-century workers and peasant movements, early 20th-century constitutional revolutions, the introduction of electoral politics, the formation of labor unions, suffragist movements, political parties, and various struggles and strategies to shape state policies, take control of states, or contain the threat posed by rival movements. The course considers both secular and religiously-inspired movements, as well as those across the right and left. No prior historical or regional knowledge needed.									

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A&S	HIST	HIST	3390	Women in African History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Will examine the variety of women's experiences and contributions to African history. Using examples from across the continent and different chronological periods, topics to be addressed include women's social, economic, and political roles and opportunities and changes over time and place; women's labor, including slavery; and debates concerning economic production vs. biological reproduction, the gendered division of labor, the control of women, and women's exploitation of women.									
A&S	HIST	HIST	3410	History of Africa to 1850	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, and slavery.									
A&S	HIST	HIST	3411	History of Africa Since 1850	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, slavery, European imperialism and colonialism, African nationalism, and independence.									
A&S	HIST	HIST	3420	History of South Africa	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Establishment and transformation of African societies (Bantu migrations); coming of Europeans; evolution of Cape society (Black, White, Colored); conflicting nationalisms; Great Trek; rise of Zulu kingdom and the Mfecane; mineral revolution and subjection of African chiefdoms; British imperialism and coming of South African (Boer) War.									
A&S	HIST	HIST	3440	History of Vietnam	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Modern Vietnamese civilization since 15th- century, emphasizing political and social change after 1800.									
A&S	HIST	HIST	3450	Southeast Asia to c. 1750: The Creative Synthesis	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.									
A&S	HIST	HIST	3451	Southeast Asia, c. 1750 to 1945: Change and Conflict	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.									
A&S	HIST	HIST	3452	Southeast Asia, 1945 to the Present: The Search for Stability	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.									
A&S	HIST	HIST	3463	History of China from Antiquity to the Early Modern Era	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461							
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									
A&S	HIST	HIST	3463	History of China from Antiquity to the Early Modern Era	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461							
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3464	History of China from the Early Modern Era to the Present	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Soph or Jr or Sr) and not HIST 3462									
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	HIST	3464	History of China from the Early Modern Era to the Present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Soph or Jr or Sr) and not HIST 3462									
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	HIST	3480	Traditional Japan	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.									
A&S	HIST	HIST	3481	Modern Japan	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.									
A&S	HIST	HIST	3500	Science and Society in the Modern World	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		From the end of the Scientific Revolution to contemporary debates surrounding human-made climate change, this course examines key themes in the history of science since the 18th century. It treats science as both an evolving set of practices and methods as well as a body of knowledge, including developments such as thermodynamics, evolutionary biology, germ theory, the periodic table of the elements, and discovery of the human genome. It also considers apparently unsuccessful developments, such as phrenology, catastrophism, and Lamarckianism. Students will learn about the socially-contingent nature of science, the relationship between science and politics, and the efforts made to divide science from pseudoscience.									
A&S	HIST	HIST	3501	Nature, Science and Religion to 1800	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th-century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	HIST	3501	Nature, Science and Religion to 1800	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th-century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	HIST	3520	Roman Law & Society	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Historical introduction to Roman law, interpretation of legal sources, and especially the role of law in Roman society and culture. Chronological focus is on the Empire through the age of Justinian. After a survey of the origins of Roman law, lectures and readings use legal sources to look in two directions: downwards to the way law affected social life; upwards to how politics and governance affected law. Attention will be given throughout to how the nature of different types of legal evidence affect our interpretation of the purpose and effectiveness of law. Specific topics of focus will include the bearing of law on marriage and family life, slavery and freedom, surveillance, and religion.									
A&S	HIST	HIST	3531	Vikings - Saxons - Franks: Western Europe, 476-1066	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		This course examines the formation of Germanic societies in the wake of the Roman Empire's collapse in western Europe. We begin by surveying major transformations in political and legal institutions, economy and trade, and religious conversion. Our focus then shifts in turn to Franks in modern France and Germany, Saxons in Britain, and Scandinavians (better known as the Vikings) at home and abroad. Along with lectures and a textbook, we read primary sources including contemporary chronicles, saints' lives, and sagas.									
A&S	HIST	HIST	3532	History of the Crusades	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Surveys the major European crusades to the Middle East, with comparison to the Albigensian, Iberian, and Baltic crusades. Focuses on the interaction and perspective of the different Christian, Jewish, and Muslim communities, and the impact of crusading ideology on western history.									

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A&S	HIST	HIST	3533	Europe in the Middle Ages, 1000-1350 ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Survey of Europe in the High Middle Ages (1000-1350), covering the cultures of chivalry and Scholasticism, the growth of cities, agricultural revolution, religious reform and persecution, holy wars, and the origins of the modern state.									
A&S	HIST	HIST	3533	Europe in the Middle Ages, 1000-1350 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Survey of Europe in the High Middle Ages (1000-1350), covering the cultures of chivalry and Scholasticism, the growth of cities, agricultural revolution, religious reform and persecution, holy wars, and the origins of the modern state.									
A&S	HIST	HIST	3540	History of Early Christianity ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Investigates historical development and spread of Christianity from its origins to about A.D. 600. Content includes Greek and Hebraic backgrounds, early church fathers of East and West, ecumenical councils, early heresies, and development of church doctrine.									
A&S	HIST	HIST	3541	Medieval Christianity: Church and Society ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	HIST	3541	Medieval Christianity: Church and Society ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	HIST	3542	The European Reformation ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	HIST	3542	The European Reformation ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	HIST	3555	Women in Medieval Europe ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									
A&S	HIST	HIST	3555	Women in Medieval Europe ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									
A&S	HIST	HIST	3560	The Italian Renaissance ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Explores Italian urban life and culture, the courtly world of political elites, education reform and Humanism, religious expression and the Papal court, scientific and medical discovery, art and expressions of power in Italy, 1350-1550. It also examines the darker side of Renaissance culture - violence, sexual deviance, and social repression.									
A&S	HIST	HIST	3562	Muslims, Christians, and Jews in the History of Medieval Spain ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Covers the history of the Iberian peninsula from late antiquity to the Renaissance, focusing especially on the political cultural interactions of the Christians, Jews, and eventually Muslims under Visigothic Kings, the rise of the Cordoban Caliphate, and the process of Christian Reconquest. Particular attention is given to the internal state of "convivencia" - Living together of Christians, Jews and Muslims - as well as the relationship of Iberia to the wider European World.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3580	Power and Revolution in Early Modern Europe, 1450-1650 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores major political, economic, social and religious developments in Europe from the Age of Discovery (the Americas) to the Thirty Years' War. Will explore this period as one of ideological change through emphasis on "revoltuions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3580	Power and Revolution in Early Modern Europe, 1450-1650 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores major political, economic, social and religious developments in Europe from the Age of Discovery (the Americas) to the Thirty Years' War. Will explore this period as one of ideological change through emphasis on "revoltuions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3581	Politics, Power and People in Europe, 1650-1775 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3581	Politics, Power and People in Europe, 1650-1775 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3600	Women in Early Modern European History, 1400-1800 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Explores the social, cultural, political, and economic roles of women in Europe from the 15th- through the 18th- centuries. Students will examine women as monarchs, nobles and peasants; as actresses, musicians, and playwrights; as mothers, wives, and daughters; as Christians, Jews, and Muslims; as scientists and scholars; and as witches, prostitutes, and criminals. Key issues will include women's political power and participation in politics; sexuality and the body; women's spiritual and religious roles; and women's interactions with men. The Early Modern period sets the stage for a changing history of women in Europe, and the class will thus underline the ways in which women's roles evolved and changed over the course of early modern Europe.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3640	Europe Between World Wars, 1919-1939 GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Fascism, Communism, World Depression, and 20-Year Armistice between 1919 and 1939. Economic and cultural approach.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3641	Contemporary Europe GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Will consider key themes in the history of postwar Europe. We will explore Europe's division and ethnic cleansing in 1945, efforts of pan-European State Socialist and Atlanticist integration, Europe's imperial/colonial struggles and cultural-religious transformations. We will also consider the impact of the collapse of the Soviet Empire in Europe and the emergence of newly independent states in former Soviet spaces as well as the wars of Yugoslav disintegration and European integration. We will conclude with a survey of current issues in European political, cultural, and social life.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3680	Germany in the 19th- Century GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Cosmopolitanism and movement to create national German state; rise of capitalism and decline of handicraft; liberation of German peasantry; revolution of 1848 and reaction; blood-and-iron chancellor; Germany's rise to European predominance; rise of worker movement; German society at turn of century.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3681	Germany in the 20th Century GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Germany on eve of WWI; military fiasco and creation of Weimar Republic; Weimar, Berlin, Munich, and Dresden; attempt to forge democracy; Third Reich and transformation of German society; WWII and Final Solution; Communist Germany and Federal Germany; two societies and two states since 1945; unified Germany since 1990.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3682	Nazi Germany GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Rise of Hitler to 1933; Hitler takeover; totalitarianization of Germany; Nazi foreign policy; WWII: Hitler's war on Jews; Hitler's fall; meaning of fascism.	LEC	LE	3	0		N	U30		0

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A&S	HIST	HIST	3683	Germany between East and West since 1945 GEC1: A-F REQUISITE: Soph or Jr or Sr This course situates Germany in European history, and focuses on the political, social, and cultural history of Germany since 1945. After a brief overview of the Nazi regime, World War II, and the Holocaust, the course explores the Allied occupation of Germany, denazification, the Cold War division into West and East Germany, and each state's political, social, and diplomatic development. Themes explored include ideological developments, gender relations, generational change, labor migration, and the public memory of the Nazi past. West and East Germany are also explored within the context of the Western and Soviet Blocs in the Cold War. The course concludes with the revolutions of 1989, German reunification, and political and social developments from 1990 to the present	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3710	Magic, Heresy and Witchcraft in Europe GEC1: A-F REQUISITE: Soph or Jr or Sr History of dangerous beliefs and practices in Europe from antiquity through the 18th- century; historical origins; legal treatment and punishment; roles of gender, the law, church and state; Inquisition and witch hunts and trials.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3715	Sex, Crime and Deviance in Europe, 1200-1800 GEC1: A-F REQUISITE: Soph or Jr or Sr Explores sexuality, deviance and crime in early modern Europe, contrasting imaginary crimes, e.g. witchcraft, with "real" crimes such as highway robbery and infanticide. Examines impact of gender, sexual orientation, ethnicity, and class in process of criminalization in European history, 1200-1800. Traces long-term changes in the definition, incidence and prosecution of particular crimes to changes in economy, social structure, government, religion and culture.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3731	Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present GEC1: A-F REQUISITE: Soph or Jr or Sr Focuses on the Balkans from the beginnings of the Ottoman Empire's collapse to the present. We will examine the political, military, social and cultural history of the Balkans paying special attention to how the region's people and states responded to the challenges of both World Wars, their brief interwar independence, their post-Second World War absorption into the United States and Soviet blocs. We will conclude by examining the collapse of Communism, the region's post- 1989 transformation, and the sources and impact of Yugoslavia's collapse and division as well as the efforts of other countries in the Balkans to take part in European integration.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3741	Origins of World War II, 1914-1941 GEC1: A-F REQUISITE: Soph or Jr or Sr International problems of peace and war, international organization and alliances.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3742	The Cold War, 1941-1989 GEC1: A-F REQUISITE: Soph or Jr or Sr International problems of peace and war on worldwide scale since 1939, international organization and alliances. Topics will include global balance of power and ideologies.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3742	The Cold War, 1941-1989 GEC1: A-F REQUISITE: Soph or Jr or Sr International problems of peace and war on worldwide scale since 1939, international organization and alliances. Topics will include global balance of power and ideologies.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3750	World War I GEC1: A-F REQUISITE: Soph or Jr or Sr Covers the course of the "Great War" including its origins, conduct and aftermath. We will consider the military, diplomatic, and cultural factors that led to the outbreak of the war as well as how and why European governments and peoples were willing and able to sustain and expand their war. In addition to an intensive focus on the fighting itself the war's great battles as well as the experience of combat of ordinary soldiers special topics will include (among others) the Armenian genocide, the deployment of WMDs (including both poison gas and blockades), wartime technological and military developments, the war at sea, the break-up of multi-national empires and the changing understanding and representation of the war.	LEC	LE	3	0		N	U30	CORRESPOND	0
A&S	HIST	HIST	3770	The Holocaust GEC1: A-F REQUISITE: Soph or Jr or Sr The origins of anti-Semitism in the West, the development of Nazi genocide, the reactions, including resistance, of European Jews, and the actions and inactions of bystander groups, Nazi persecution of other groups (Roma, Slavs, homosexuals, etc.) in the same period.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3790	History of Sea Power GEC1: A-F REQUISITE: Soph or Jr or Sr Examination the role of navies and maritime strategy in war, diplomacy, and the world economy from ancient times to the present. The focus is on the development of the British and American sea power: doctrine and operations; the impact of politics, culture, geography, finance, and technology; and the future of sea power.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3790	History of Sea Power GEC1: A-F REQUISITE: Soph or Jr or Sr Examination the role of navies and maritime strategy in war, diplomacy, and the world economy from ancient times to the present. The focus is on the development of the British and American sea power: doctrine and operations; the impact of politics, culture, geography, finance, and technology; and the future of sea power.	LEC	LE	3	0		N	U30		0

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A&S	HIST	HIST	3791	Britain and the World since 1970	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Examines British history in the late twentieth and early twenty-first centuries, focusing on Britain's role in world politics since its retreat from empire. Topics include: relations with Europe, the Commonwealth, and the United States; the nuclear deterrent and wider defense policy, including wars from the South Atlantic to South Asia; the development of oil and gas in the North Sea; economic liberalization and the renaissance of London as a global financial center; questions over national identity and unity, particularly Scotland and Brexit; the challenges of terrorism and hybrid warfare at home and abroad; Elizabeth II, Margaret Thatcher, Tony Blair, and other key personalities of the era.									
A&S	HIST	HIST	3820	History of Russia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Russian origins, Greek and Mongol influences, expansion of Muscovy, Ivan the Terrible, Peter the Great, Catherine the Great, Russia as great power, and shapes of its 19th-century society.									
A&S	HIST	HIST	3821	Russia: Road to Revolution 1825-1917	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		From czarist Russia to the communist revolution. Background for revolution: origins of Russian socialism, rapid social and economic change, 1905 Revolution, war and the collapse of the Romanov dynasty in 1917.									
A&S	HIST	HIST	3822	Soviet Union	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Soviet Union since the 1917 Revolution. Stalinism, WWII and expansion, Krushchev, Brezhnev. Emphasis on internal affairs.									
A&S	HIST	HIST	3823	The USSR in World War II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		History of the Soviet Union during WWII. Topics include wartime diplomacy, espionage, social and political history of the USSR during the war, the creation of the communist states in Eastern Europe after the war, and the origins of the cold war.									
A&S	HIST	HIST	3831	Modern Poland: War, Revolution and Peace from 1905 to the Present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Explores developments in Poland from partition to independence; Polish struggles for sovereignty and imperial expansion in Eastern Europe; politics and culture in a multinational Poland, the tragedies of World War II, the Holocaust and subordination to the Soviet Union; the popular struggle to build a new, ethnically cleansed Poland and win autonomy with the eastern bloc; the vitality of religious life and nationalism; Poles' successful struggle to free their country from Soviet control and Poland's renewed independence after 1989. We will conclude by studying Poland's contemporary society and politics.									
A&S	HIST	HIST	3840	Ethnic Cleansing in Modern European History	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Soph or Jr or Sr) and Warning: not credit if taken after HIST 369N									
		COURSE DESC:		Studies ethnic cleansing as a central issue in European history - including Europe's colonies. Ethnic cleansing (for much of the 20th century termed "population transfer" or "expulsion") was a policy initiated by numerous great and minor powers from the beginning to the end of the 20th century and provides important perspective on the development of human rights law and state and nation building (and empire breaking) throughout this time. Also considers how the legacy of ethnic cleansing lives on in international relations, politics, the arts, and the popular attitudes and culture of the victims and perpetrators of ethnic cleansing, and their relations toward one another and in the broader international community.									
A&S	HIST	HIST	3860	Shakespeare's England, 1450-1603	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.									

Major themes to be considered include the establishment of legal and social order in the wake of the Wars of the Roses; the Tudor revolution in government; the Henrician and Protestant Reformations and their effects on English political, social, and cultural life; the economic disaster of the mid sixteenth century; overseas exploration; the flowering of English culture and the arts; war with Spain; relations with Scotland and Ireland; and the ways in which England was governed.

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3860	Shakespeare's England, 1450-1603 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3861	Revolutionary Britain, 1603-1702 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3861	Revolutionary Britain, 1603-1702 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3862	English History to 1688 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3862	English History to 1688 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3864	Making Modern Britain, 1702-1815 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.	LEC	EL	3	0		N	U30		0
A&S	HIST	HIST	3864	Making Modern Britain, 1702-1815 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3865	Churchill's Britain ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Britain in the 20th- century, focusing on the country's decline from world power: Britain's modern constitution; the onset of trouble before 1914; the experience of two world wars; society and policy between the wars, especially appeasement and its background; postwar developments, including the welfare state, the "special relationship" with the United States, and European integration.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3866	Afghan Wars ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines the history of strategic rivalry in Afghanistan and the borderlands of Central, South, and West Asia. Topics include the geopolitical setting and premodern precedents of contemporary policy; Britain's Afghan Wars and the Great Game of empire in Asia; the interests and influences of Pakistan, Iran, India, and China; the Soviet war of the 1980s and its consequences; and developments since 2001.	LEC	LE	3	0		N	U30		0
A&S	HIST	HIST	3867	British Empire in the 19th Century ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.	LEC	LE	3	0		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3868	British Empire in the 20th Century	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Evaluation of the fate of the British Empire in the 20th- century, focusing on the global impact as well as the process of decolonization. Topics include the question of imperial overstretch; development of the Commonwealth; India's independence; and Britain's withdrawal from its smaller dependencies in Africa, Asia, and the Middle East through the return of Hong Kong to China in 1997.									
A&S	HIST	HIST	3900	History Through Film	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Examination of selected topics in the United States, European, or Third World history through films and readings accompanied by lectures and discussion.									
A&S	HIST	HIST	3970T	History Tutorial, Third year, Non-thesis	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		Individualized tutorial for HTC students only.									
A&S	HIST	HIST	3980T	Honors Tutorial Study, Third Year, Non-thesis	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		Individualized tutorial for HTC students only.									
A&S	HIST	HIST	4130	Philosophy of History: Understanding the Past	SEM	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History is the past. It also is how we remember and tell about the past. In this seminar-style course, we explore different approaches to history. Narrative, or story-telling, remains the oldest and still most common way of describing the past. But alternatives are to be found, not only among professional historians, but artists and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of historians and philosophers. This course surveys some of these approaches to history and considers the possible future of history.									
A&S	HIST	HIST	4130	Philosophy of History: Understanding the Past	SEM	SE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History is the past. It also is how we remember and tell about the past. In this seminar-style course, we explore different approaches to history. Narrative, or story-telling, remains the oldest and still most common way of describing the past. But alternatives are to be found, not only among professional historians, but artists and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of historians and philosophers. This course surveys some of these approaches to history and considers the possible future of history.									
A&S	HIST	HIST	4500	The New Deal and Its Challengers, 1933-1945	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr and HIST 2010 and 6 additional hours in History									
		COURSE DESC:		This course examines the political economy of the New Deal, the broad program of relief, recovery, and reform that President Franklin Roosevelt's Administration implemented in response to the Great Depression. It surveys the reaction to these unprecedented government efforts across the political spectrum, with an emphasis on the New Deal's most articulate critics. And it considers how Roosevelt's major domestic and foreign policies influenced the direction of both liberalism and conservatism in the United States from the decade of the thirties through the end of World War II.									
A&S	HIST	HIST	4536	Eternal Rome: Power and Piety	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (AH 2110 or CLAR 2120 or HIST 1210) and (CLAS 2240 or 2250 or HIST 3292 or 3531) and Sr only									
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; medieval and Renaissance Rome under papal Rome; and the Fascist excavation and recasting of the ancient city. This course may be offered as an education abroad opportunity.									
A&S	HIST	HIST	4536	Eternal Rome: Power and Piety	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (AH 2110 or CLAR 2120 or HIST 1210) and (CLAS 2240 or 2250 or HIST 3292 or 3531) and Sr only									
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; medieval and Renaissance Rome under papal Rome; and the Fascist excavation and recasting of the ancient city. This course may be offered as an education abroad opportunity.									
A&S	HIST	HIST	4770	Perspectives on the Holocaust: Sources and Interpretation	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Senior and (HIST 3281 or 3681 or HIST 3682 or HIST 3770) and an additional 6 credit hours in History, for a total of 9 credit hours									
		COURSE DESC:		This seminar-style course introduces students to working closely with, researching, and writing and speaking about Holocaust-related sources. After a brief overview of the Nazi period and the Holocaust, discussions focus on five major themes: the diversity of Jewish experience during the Holocaust; gender and the Holocaust; the perspectives of perpetrators and bystanders/enablers; comparisons between diaries and memoirs in order to explore how memory influences understanding of past events; and representations of the Holocaust in literature and the arts since 1945. Students also develop their skills in academic writing, research and textual analysis, and participate in complex debates about past events and their impact on the present.									
A&S	HIST	HIST	4900	Special Topics in History	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	4900	Special Topics in History	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	HIST	4901	Colloquium in United States History	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Literature and source materials in United States history. Readings and reports.									
A&S	HIST	HIST	4901	Colloquium in United States History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Literature and source materials in United States history. Readings and reports.									
A&S	HIST	HIST	4902	Colloquium in Latin American History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HIST 3230 or 3231 or 3232 or 3233 or 3250									
		COURSE DESC:		Literature and source materials of Latin American history. Readings and reports.									
A&S	HIST	HIST	4903	Colloquium in European History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Literature and source materials in European History from ancient times to the present. Readings and writing.									
A&S	HIST	HIST	4904	Colloquium in the History of Southeast Asia	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Issues and topics in Southeast Asian history and culture generally, with particular emphasis on selected developments in 19th- and 20th-centuries. Readings and reports.									
A&S	HIST	HIST	4905	Colloquium in Middle Eastern History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Selected topics on Middle Eastern history. Readings and reports.									
A&S	HIST	HIST	4906	Colloquium in African History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in (HIST or INST) or (9 hours in HIST and 9 hours in INST)									
		COURSE DESC:		Literature and source materials of African history. Readings and reports.									
A&S	HIST	HIST	4907	Colloquium in East Asian History	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in HIST									
		COURSE DESC:		Selected topics in the history of Japan, China or Korea. Readings and reports.									
A&S	HIST	HIST	4910	History Internship	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and HIST major and (Jr or Sr) and 3.0 GPA									
		COURSE DESC:		CR Designed to enhance skills for history majors through history-related work assignments in public and private agencies.									
A&S	HIST	HIST	4930	Directed Study in History	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Individualized reading and study in all areas of History.									
A&S	HIST	HIST	4930	Directed Study in History	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Individualized reading and study in all areas of History.									
A&S	HIST	HIST	4940H	Honors Studies of Selected Historical Topics	RSC	RS	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and HIST 3111J									
		COURSE DESC:		PR Study, reading, research, and writing on selected topic; intended for students who plan to graduate with honors in history. Arrangements should be made during junior year.									
A&S	HIST	HIST	4970T	HTC Thesis Tutorial, Fall Semester	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and HTC									
		COURSE DESC:		PR Thesis done in last year of History Honors Tutorial program.									

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COURSE LISTING
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A&S	HIST	HIST	4980T	HTC Thesis Tutorial, Spring Semester	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and HTC PR									
		COURSE DESC:		Thesis done in last year of History Honors Tutorial program.									
A&S	HIST	HIST	5000	Atlantic History	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	HIST	5000	Atlantic History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	HIST	5002	Colonial British North America	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	HIST	5002	Colonial British North America	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	HIST	5004	Revolutionary Era	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Causes of American Revolution and struggle for independence. Confederation, movement for new government, framing of Constitution.									
A&S	HIST	HIST	5008	Early US Republic	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.									
A&S	HIST	HIST	5018	History of the American South to 1900	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									
A&S	HIST	HIST	5018	History of the American South to 1900	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									

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A&S	HIST	HIST	5020	Survey of American Indian History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Treats Indian societies before European contact; cultural contact, negotiation, and conflict with Spanish, English, and French settlers; United States policy toward Indians; and Indian peoples' diverse strategies of preservation, adaptation, resistance, and accommodation from first contact to the present.									
A&S	HIST	HIST	5030	United States in World War II	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.									
A&S	HIST	HIST	5030	United States in World War II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.									
A&S	HIST	HIST	5050	The United States and the Vietnam War	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Examination of American experience in Vietnam, both in terms of military and diplomatic history of war itself, and its impact on American society.									
A&S	HIST	HIST	5060	American Environmental History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		A survey of the evolution, from 1492 to the present, of American attitudes toward and interactions with the natural world, including such topics as the Columbian Exchange, romanticism, the Western frontier, conservation, the "land ethic," and environmental policy in the 1960s and 1970s.									
A&S	HIST	HIST	5081	The Civil War and its Aftermath	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Explores the diverse individuals and processes that brought about the U.S. Civil War, determined its course and outcome, and shaped a complicated and contested settlement. Themes will include military engagements, expansionism, increased sectionalism, race and slavery, political parties, society and institutions in the Union and Confederacy, attempts to restructure Southern society, and developments at the national level in the post-war period.									
A&S	HIST	HIST	5090	American Constitutional History, Part 1: Origins to Reconstruction	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Traces the history of American constitutionalism from its English roots through the aftermath of the Civil War. While the purview is not restricted to the federal constitution, that document will form its chief focus. Ideas, institutions, and individuals responsible for the construction of America's unique constitutional heritage are studied in detail.									
A&S	HIST	HIST	5095	American Constitutional History, 1880s- Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Studies the history of American Constitutionalism from the last half of the 19th- century to the last half of the 20th. Concentration on the Federal Constitution and its role in shaping the public and private lives of Americans. Particular attention will be paid to the ideas, institutions, and individuals responsible for making the Constitution a battleground rife with intellectual, social, and cultural significance.									
A&S	HIST	HIST	5100	Emergence of the Modern United States: Progressive Era and Roaring Twenties	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5100	Emergence of the Modern United States: Progressive Era and Roaring Twenties	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.									
A&S	HIST	HIST	5104	United States, 1945-Present	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.									
A&S	HIST	HIST	5104	United States, 1945-Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.									
A&S	HIST	HIST	5106	History of American Conservatism	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.									
A&S	HIST	HIST	5106	History of American Conservatism	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.									
A&S	HIST	HIST	5110	History of Public Health Disasters	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.									
A&S	HIST	HIST	5110	History of Public Health Disasters	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.									
A&S	HIST	HIST	5118	Art and History: 1950s and 1960s	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5118	Art and History: 1950s and 1960s	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.									
A&S	HIST	HIST	5140	Pop/High Culture in 20th Century America	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.									
A&S	HIST	HIST	5140	Pop/High Culture in 20th Century America	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.									
A&S	HIST	HIST	5144	US Social History in the 20th century	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.									
A&S	HIST	HIST	5144	US Social History in the 20th century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.									
A&S	HIST	HIST	5146	American Ideas, 20th- Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		A study of big ideas in the American past. Moves chronologically from the Progressive Era up to the present while examining themes that include liberalism, conservatism, democracy, secularization, the role of religion in American life, theology, the threat of totalitarianism abroad, the rise of postmodernism and relativism, and other key issues. Ideas will be explored in historical context and related to key events and developments.									
A&S	HIST	HIST	5148	Cultural Rebels in the Modern U.S.	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Examines the history of cultural rebellion (or radicalism) in the 20th- century. Surveys rebellion from Greenwich Village at the turn of the century to the punk rock explosion of the 1970s and '80s. Larger questions include: How do people rebel in a culture that often seems to embrace rebellion? How do cultural rebels communicate their anger to the wider society? What impact does cultural rebellion make in American history?									
A&S	HIST	HIST	5150	Survey of African American History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Survey of African American History from the middle passage to the present. The development of African society in the American diaspora. Different societies under slavery. The abolitionist movement with the role of Black abolitionists. The Civil War and its impact on slavery. Examines the interaction between the African American community and the larger society. Reconstruction and its impact; the wars of the 20th- century and their continuing effects on African Americans, migration to the North, the Civil Rights movement, and the problems of equality.									
A&S	HIST	HIST	5162	History of U.S. Involvement in World Affairs, 1898-1945	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5162	History of U.S. Involvement in World Affairs, 1898-1945	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	5164	History of U.S. Involvement in World Affairs, 1945-Present	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	5164	History of U.S. Involvement in World Affairs, 1945-Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.									
A&S	HIST	HIST	5190	Graduate Survey in US History, 1607 to 1877	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		A graduate-level survey of U.S. history from 1607 to 1877. The focus will be on reading selected books that examine the some of the major themes of American history and reflect important historiographic trends.									
A&S	HIST	HIST	5190	Graduate Survey in US History, 1607 to 1877	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		A graduate-level survey of U.S. history from 1607 to 1877. The focus will be on reading selected books that examine the some of the major themes of American history and reflect important historiographic trends.									
A&S	HIST	HIST	5191	Graduate Survey in US History, 1877 to the present	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		A graduate-level survey of U.S. history from 1877 to the present. The focus will be on reading selected books that examine the some of the major themes of American history and reflect important historiographic trends.									
A&S	HIST	HIST	5191	Graduate Survey in US History, 1877 to the present	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		A graduate-level survey of U.S. history from 1877 to the present. The focus will be on reading selected books that examine the some of the major themes of American history and reflect important historiographic trends.									
A&S	HIST	HIST	5200	Women in American History Before 1877	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		American women's history from the colonial era through Reconstruction. Topics include the traditional life of Native American women, witchcraft in colonial New England, women in the American Revolution, African- American women in slavery, early American childbirth customs, the early women's rights crusade, women on the trans-Mississippi frontier, and women in the Civil War.									
A&S	HIST	HIST	5201	Women in American History Since 1877	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR		REQUISITE:							
		COURSE DESC:		American women's history since Reconstruction. Topics include the experiences of immigrant women in the United States, prostitution in the Gilded Age, the Progressive Era birth-control movement, achievement of the right to vote, women in the two world wars, women in the civil rights movement, the new feminist movement, the backlash against feminism, Roe v. Wade and the abortion debate.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5202	Women's Health and Medicine in U.S. History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines, from the colonial era to the present, changes in the medical treatment of women and changes in the definition of women's health and illness. Topics to be explored include the history of women and domestic health; women and public health; pregnancy, prenatal care, and prenatal testing; birth; breastfeeding; birth control; abortion; menstruation; menopause; infertility and assisted reproductive technologies; sexually-transmitted infections; women and addiction; breast cancer; and the impact of the inadequacies and inequities of contemporary health policy on women.									
A&S	HIST	HIST	5211	American Military History, 1600-Present	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.									
A&S	HIST	HIST	5211	American Military History, 1600-Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.									
A&S	HIST	HIST	5213	War, Violence, Modernity	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.									
A&S	HIST	HIST	5213	War, Violence, Modernity	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.									
A&S	HIST	HIST	5220	1960s in U.S.: Decade of Controversy	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.									
A&S	HIST	HIST	5220	1960s in U.S.: Decade of Controversy	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.									
A&S	HIST	HIST	5224	The 1980s in the U.S.: The Age of Reagan and Madonna	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines a pivotal decade, which has helped to shape the politics and culture of contemporary America. The focus will be on the presidency of Ronald Reagan and the growth of conservatism as well as liberal criticism of Reagan's social, economic, and international policies. Special attention will be given to the decade's "culture wars" as well as the ways that new technology and cable networks such as CNN and MTV created new celebrities such as Madonna and helped blur the lines between entertainment and politics. The course also examines the end of the Cold War and its effects on the U.S. world role.									
A&S	HIST	HIST	5230	Latin American History: The Colonial Era	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines historical origins of Latin American society. Themes include internal nature of Iberian and pre-Columbian Indian societies, circa 1492; conquest and subordination of Amerindian civilizations by Spain and Portugal; distribution of power, land, and labor in post-conquest Latin America; order and instability in colonial society; and region's position in international economy.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5231	Latin American History: From Independence to the Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines Latin American history in the 19th- and 20th- centuries, focusing on causes and consequences of Independence; the political, social and economic challenges of nation-state formation; competing political/ideological responses to structural crisis in the 20th- century (social revolution, authoritarianism, democratic change); and ongoing search for viable formulas of economic development.									
A&S	HIST	HIST	5232	History of Brazil	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines the history of Brazil from the colonial period to the late 20th- century, focusing on the role colonization; slavery; race and racism played in the social, political, and cultural formation; and development of the modern Brazilian nation.									
A&S	HIST	HIST	5233	The History of Modern Mexico	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of social, political, economic and political development in Mexico during the 19th- and 20th- centuries. Special attention given to indigenous peoples, nation-state formation, modernization, revolution, consolidation of a one-party state, and democratization.									
A&S	HIST	HIST	5250	History of U.S.- Latin American Relations	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of inter-American relations from the 19th- century. Focuses on evolving, and often conflicting, definitions of national interest that have shaped the United States and Latin American policy orientations toward each other.									
A&S	HIST	HIST	5270	Slavery in the Americas	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines the lives and experiences of slaves of African origin and descent as revealed by themselves in slave accounts and other documents. Explores, in a comparative perspective, African and Afro-American agency and identity in various New World societies.									
A&S	HIST	HIST	5281	Jewish History Since 1492	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		History of the Jewish people since 1492, covering developments in religion, culture and society in Europe, America and the Middle East, especially the themes of diaspora, Emancipation, secularization, Reform and Conservative movements, Zionism, the impact of immigration, the World Wars, the Holocaust and the foundation of the State of Israel.									
A&S	HIST	HIST	5290	Ancient Egypt and Mesopotamia	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Begins with the Neolithic Revolution and the origins of civilization in the Ancient Near East and Egypt, including the Sumerians, Babylonians, Egyptians, Hebrews, and Persians. Assignments and lectures are based on both archaeological and literary sources.									
A&S	HIST	HIST	5291	Ancient Greece	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Begins with the emergence of the ancient Greeks of the Mycenaean Age and Homer's epics, moving on to the emergence of city-states with a focus on Athens and Sparta. Will also cover political and military history from the Persian wars to the conquests of Alexander the Great. Students will also learn about the society and culture of ancient Greece, including topics such as slavery, women's lives, religion and philosophy. Assigned reading includes histories, poems, philosophy, and dramatic works, as well as visual arts and archaeological evidence.									
A&S	HIST	HIST	5292	Ancient Rome	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Begins with the Etruscans and the origins of Rome, continuing through the Roman Republic and Empire. Topics include Rome's military success, civil wars and political transformations, as well as religion, culture and daily life. Assignments are based on primary sources, including historical, literary and documentary texts as well as archaeological discoveries.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5293	World of Late Antiquity: Culture and Society in the Late Roman Empire	LEC	LE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Beginning in the third century, the mighty Roman Empire began its slow but inevitable decline and fall, brought to a decisive end by the barbarian invasions of the late fourth and fifth century, epitomized by the sack of Rome by Goths in 410 and Vandals in 455, and terminated with the deposition of the last western emperor in 476. That is one vision of the period sometimes called Late Antiquity. The other vision sees the transformation of classical culture, closely related to the emergence of Christianity, and diverse political and social changes that would live on long after the imperial political order disappeared in the west. This course will take account of both these visions, with a strong preference for continuity over decline. Readings and lectures will explore important aspects of political, intellectual, religious, and social change. Discussions and written assignments will depend on the interpretation of primary sources, including a wide variety of literary and material evidence. The course is a bridge between the courses on the Roman Empire and Barbarian West, but students are not expected to have taken either course.									
A&S	HIST	HIST	5330	Oil, the Persian Gulf, and World Power	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Examines the international politics of oil from a historical perspective, emphasizing the importance of the Persian Gulf. Topics include the roots and guiding principles behind oil policy; oil in the two world wars; postwar changes in global oil production, culminating in the oil crisis of the 1970s; the pattern and end of the British dominance in the Gulf; the subsequent expansion of the United States commitments in the region since the 1970s; the role of local nation-states, in particular Iran, Iraq, and Saudi Arabia; oil today, and prospects for the future.								
A&S	HIST	HIST	5333	Europe in the Middle Ages, 1000-1350	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Survey of Europe in the High Middle Ages (1000-1350), covering the cultures of chivalry and Scholasticism, the growth of cities, agricultural revolution, religious reform and persecution, holy wars, and the origins of the modern state.								
A&S	HIST	HIST	5333	Europe in the Middle Ages, 1000-1350	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Survey of Europe in the High Middle Ages (1000-1350), covering the cultures of chivalry and Scholasticism, the growth of cities, agricultural revolution, religious reform and persecution, holy wars, and the origins of the modern state.								
A&S	HIST	HIST	5370	Middle East History 600 to 1500	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Middle East history from the rise of Islam up to the emergence of the Gunpowder Empires of the Ottomans and Safavids. Topics include the establishment of the first Muslim community, the development and expansion of the Muslim state under various caliphates, the Islamic Golden Age, the Crusades, Mongol and Turkic invasions, developments in Islamic theologies and movements, and the nature of relations between Arab, Armenian, Kurdish, Persian, and Turkic communities.								
A&S	HIST	HIST	5371	Middle East History 1500 to the present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Middle East history from the consolidation of the Gunpowder Empires of the Ottomans and Safavids through the Arab uprisings. Topics include the Turko-Mongolian tradition of state building, the shifting balance of power with Europe, the 19th-century transformation, World War I and the emergence of the contemporary Middle East, colonial rule, nationalist, communist, labor, and Islamist mobilizations, the Israeli-Palestinian-Arab conflict, the Iranian Revolution, authoritarian rule, different modes of economic development, various wars, US policy, and the Arab uprisings.								
A&S	HIST	HIST	5372	Protest, Rebellion, and Revolution in the Modern Middle East	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides an exploration of the history of mass politics in the modern Middle East. It takes as its central concern the emergence of popular politics and mass mobilizations in the 19th century and subsequent attempts to organize and manage them. Topics include late 19th-century workers and peasant movements, early 20th-century constitutional revolutions, the introduction of electoral politics, the formation of labor unions, suffragist movements, political parties, and various struggles and strategies to shape state policies, take control of states, or contain the threat posed by rival movements. The course considers both secular and religiously-inspired movements, as well as those across the right and left. No prior historical or regional knowledge needed.									
A&S	HIST	HIST	5390	Women in African History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Will examine the variety of women's experiences and contributions to African history. Using examples from across the continent and different chronological periods, topics to be addressed include women's social, economic, and political roles and opportunities and changes over time and place; women's labor, including slavery; and debates concerning economic production vs. biological reproduction, the gendered division of labor, the control of women, and women's exploitation of women.								

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A&S	HIST	HIST	5410	History of Africa to 1850	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, and slavery.									
A&S	HIST	HIST	5411	History of Africa Since 1850	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, slavery, European imperialism and colonialism, African nationalism, and independence.									
A&S	HIST	HIST	5420	History of South Africa	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Establishment and transformation of African societies (Bantu migrations); coming of Europeans; evolution of Cape society (Black, White, Colored); conflicting nationalisms; Great Trek; rise of Zulu kingdom and the Mfecane; mineral revolution and subjection of African chiefdoms; British imperialism and coming of South African (Boer) War.									
A&S	HIST	HIST	5440	History of Vietnam	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Modern Vietnamese civilization since 15th- century, emphasizing political and social change after 1800.									
A&S	HIST	HIST	5450	Southeast Asia to c. 1750: The Creative Synthesis	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.									
A&S	HIST	HIST	5451	Southeast Asia, c. 1750 to 1945: Change and Conflict	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.									
A&S	HIST	HIST	5452	Southeast Asia, 1945 to the Present: The Search for Stability	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.									
A&S	HIST	HIST	5463	History of China from Antiquity to the Early Modern Era	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: Not HIST 5460 or HIST 5461									
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									
A&S	HIST	HIST	5463	History of China from Antiquity to the Early Modern Era	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: Not HIST 5460 or HIST 5461									
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5464	History of China from the Early Modern Era to the Present	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit for both this course and the following: HIST 5462							
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	HIST	5464	History of China from the Early Modern Era to the Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit for both this course and the following: HIST 5462							
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	HIST	5480	Traditional Japan	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.									
A&S	HIST	HIST	5481	Modern Japan	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.									
A&S	HIST	HIST	5501	Nature, Science and Religion to 1800	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	HIST	5501	Nature, Science and Religion to 1800	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	HIST	5520	Roman Law & Society	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Historical introduction to Roman law, interpretation of legal sources, and especially the role of law in Roman society and culture. Chronological focus is on the Empire through the age of Justinian. After a survey of the origins of Roman law, lectures and readings use legal sources to look in two directions: downwards to the way law affected social life; upwards to how politics and governance affected law. Attention will be given throughout to how the nature of different types of legal evidence affect our interpretation of the purpose and effectiveness of law. Specific topics of focus will include the bearing of law on marriage and family life, slavery and freedom, surveillance, and religion.									
A&S	HIST	HIST	5531	Vikings - Saxons - Franks: Western Europe, 476-1066	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR This course examines the formation of Germanic societies in the wake of the Roman Empire's collapse in western Europe. We begin by surveying major transformations in political and legal institutions, economy and trade, and religious conversion. Our focus then shifts in turn to Franks in modern France and Germany, Saxons in Britain, and Scandinavians (better known as the Vikings) at home and abroad. Along with lectures and a textbook, we read primary sources including contemporary chronicles, saints' lives, and sagas.									
A&S	HIST	HIST	5532	History of the Crusades	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Graduate Status							
		COURSE DESC:		PR Surveys the major European crusades to the Middle East, with comparison to the Albigensian, Iberian, and Baltic crusades. Focuses on the interaction and perspective of the different Christian, Jewish, and Muslim communities, and the impact of crusading ideology on western history.									

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A&S	HIST	HIST	5536	Medieval Rome: Piety and Power	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; Rome under Gothic, Byzantine, Carolingian rule; the medieval city around the first Jubilee in 1300; Renaissance Rome, and the fascist rebuilding of the city.									
A&S	HIST	HIST	5536	Medieval Rome: Piety and Power	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; Rome under Gothic, Byzantine, Carolingian rule; the medieval city around the first Jubilee in 1300; Renaissance Rome, and the fascist rebuilding of the city.									
A&S	HIST	HIST	5540	History of Early Christianity	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Investigates historical development and spread of Christianity from its origins to about A.D. 600. Content includes Greek and Hebraic backgrounds, early church fathers of East and West, ecumenical councils, early heresies, and development of church doctrine.									
A&S	HIST	HIST	5541	Medieval Christianity: Church and Society	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	HIST	5541	Medieval Christianity: Church and Society	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	HIST	5542	The European Reformation	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	HIST	5542	The European Reformation	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	HIST	5555	Women in Medieval Europe	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Status									
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									
A&S	HIST	HIST	5555	Women in Medieval Europe	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Status									
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									

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A&S	HIST	HIST	5560	The Italian Renaissance	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores Italian urban life and culture, the courtly world of political elites, education reform and Humanism, religious expression and the Papal court, scientific and medical discovery, art and expressions of power in Italy, 1350-1550. It also examines the darker side of Renaissance culture - violence, sexual deviance, and social repression.									
A&S	HIST	HIST	5562	Muslims, Christians, and Jews in the History of Medieval Spain	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Status									
		COURSE DESC:		Covers the history of the Iberian peninsula from late antiquity to the Renaissance, focusing especially on the political cultural interactions of the Christians, Jews, and eventually Muslims under Visigothic Kings, the rise of the Cordoban Caliphate, and the process of Christian Reconquest. Particular attention is given to the internal state of "convivencia" - Living together of Christians, Jews and Muslims - as well as the relationship of Iberia to the wider European World.									
A&S	HIST	HIST	5580	Power and Revolution in Early Modern Europe, 1450-1650	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores major political, economic, social and religious developments in Europe from the Age of Discovery (the Americas) to the Thirty Years' War. Will explore this period as one of ideological change through emphasis on "revolutions" in world-view, religion, social structure, politics and science/medicine in Europe.									
A&S	HIST	HIST	5580	Power and Revolution in Early Modern Europe, 1450-1650	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores major political, economic, social and religious developments in Europe from the Age of Discovery (the Americas) to the Thirty Years' War. Will explore this period as one of ideological change through emphasis on "revolutions" in world-view, religion, social structure, politics and science/medicine in Europe.									
A&S	HIST	HIST	5581	Politics, Power and People in Europe, 1650-1775	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.									
A&S	HIST	HIST	5581	Politics, Power and People in Europe, 1650-1775	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.									
A&S	HIST	HIST	5600	Women in Early Modern European History, 1400-1800	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores the social, cultural, political, and economic roles of women in Europe from the 15th- through the 18th- centuries. Students will examine women as monarchs, nobles and peasants; as actresses, musicians, and playwrights; as mothers, wives, and daughters; as Christians, Jews, and Muslims; as scientists and scholars; and as witches, prostitutes, and criminals. Key issues will include women's political power and participation in politics; sexuality and the body; women's spiritual and religious roles; and women's interactions with men. The Early Modern period sets the stage for a changing history of women in Europe, and the class will thus underline the ways in which women's roles evolved and changed over the course of early modern Europe.									
A&S	HIST	HIST	5640	Europe Between World Wars, 1919-1939	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Fascism, Communism, World Depression, and 20-Year Armistice between 1919 and 1939. Economic and cultural approach.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5641	Contemporary Europe	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Will consider key themes in the history of postwar Europe. We will explore Europe's division and ethnic cleansing in 1945, efforts of pan-European State Socialist and Atlanticist integration, Europe's imperial/colonial struggles and cultural-religious transformations. We will also consider the impact of the collapse of the Soviet Empire in Europe and the emergence of newly independent states in former Soviet spaces as well as the wars of Yugoslav disintegration and European integration. We will conclude with a survey of current issues in European political, cultural, and social life.									
A&S	HIST	HIST	5680	Germany in the 19th- Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Cosmopolitanism and movement to create national German state; rise of capitalism and decline of handicraft; liberation of German peasantry; revolution of 1848 and reaction; blood-and-iron chancellor; Germany's rise to European predominance; rise of worker movement; German society at turn of century.									
A&S	HIST	HIST	5681	Modern Germany in the 20th Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Germany on eve of WWI; military fiasco and creation of Weimar Republic; Weimar, Berlin, Munich, and Dresden; attempt to forge democracy; Third Reich and transformation of German society; WWII and Final Solution; Communist Germany and Federal Germany; two societies and two states since 1945; unified Germany since 1990.									
A&S	HIST	HIST	5682	Nazi Germany	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Rise of Hitler to 1933; Hitler takeover; totalitarianization of Germany; Nazi foreign policy; WWII: Hitler's war on Jews; Hitler's fall; meaning of fascism.									
A&S	HIST	HIST	5683	Germany between East and West since 1945	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course situates Germany in European history, and focuses on the political, social, and cultural history of Germany since 1945. After a brief overview of the Nazi regime, World War II, and the Holocaust, the course explores the Allied occupation of Germany, denazification, the Cold War division into West and East Germany, and each state's political, social, and diplomatic development. Themes explored include ideological developments, gender relations, generational change, labor migration, and the public memory of the Nazi past. West and East Germany are also explored within the context of the Western and Soviet Blocs in the Cold War. The course concludes with the revolutions of 1989, German reunification, and political and social developments from 1990 to the present									
A&S	HIST	HIST	5715	Sex, Crime and Deviance in Europe, 1200-1800	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Explores sexuality, deviance and crime in early modern Europe, contrasting imaginary crimes, e.g. witchcraft, with "real" crimes such as highway robbery and infanticide. Examines impact of gender, sexual orientation, ethnicity, and class in process of criminalization in European history, 1200-1800. Traces long-term changes in the definition, incidence and prosecution of particular crimes to changes in economy, social structure, government, religion and culture.									
A&S	HIST	HIST	5731	Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Focuses on the Balkans from the beginnings of the Ottoman Empire's collapse to the present. We will examine the political, military, social and cultural history of the Balkans paying special attention to how the region's people and states responded to the challenges of both World Wars, their brief interwar independence, their post-Second World War absorption into the United States and Soviet blocs. We will conclude by examining the collapse of Communism, the region's post- 1989 transformation, and the sources and impact of Yugoslavia's collapse and division as well as the efforts of other countries in the Balkans to take part in European integration.									
A&S	HIST	HIST	5741	Origins of World War II, 1914-1941	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR International problems of peace and war, international organization and alliances.									
A&S	HIST	HIST	5742	The Cold War, 1941-1989	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR International problems of peace and war on worldwide scale since 1939, international organization and alliances. Topics will include global balance of power and ideologies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5742	The Cold War, 1941-1989	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR International problems of peace and war on worldwide scale since 1939, international organization and alliances. Topics will include global balance of power and ideologies.									
A&S	HIST	HIST	5750	World War I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Covers the course of the "Great War" including its origins, conduct and aftermath. We will consider the military, diplomatic, and cultural factors that led to the outbreak of the war as well as how and why European governments and peoples were willing and able to sustain and expand their war. In addition to an intensive focus on the fighting itself the war's great battles as well as the experience of combat of ordinary soldiers special topics will include (among others) the Armenian genocide, the deployment of WMDs (including both poison gas and blockades), wartime technological and military developments, the war at sea, the break-up of multi-national empires and the changing understanding and representation of the war.									
A&S	HIST	HIST	5770	History of Jewish Holocaust	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The origins of anti-Semitism in the West, the development of Nazi genocide, the reactions, including resistance, of European Jews, and the actions and inactions of bystander groups.									
A&S	HIST	HIST	5790	History of Sea Power	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examination the role of navies and maritime strategy in war, diplomacy, and the world economy from ancient times to the present. The focus is on the development of the British and American sea power: doctrine and operations; the impact of politics, culture, geography, finance, and technology; and the future of sea power.									
A&S	HIST	HIST	5790	History of Sea Power	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examination the role of navies and maritime strategy in war, diplomacy, and the world economy from ancient times to the present. The focus is on the development of the British and American sea power: doctrine and operations; the impact of politics, culture, geography, finance, and technology; and the future of sea power.									
A&S	HIST	HIST	5791	Britain and the World since 1970	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines British history in the late twentieth and early twenty-first centuries, focusing on Britain's role in world politics since its retreat from empire. Topics include: relations with Europe, the Commonwealth, and the United States; the nuclear deterrent and wider defense policy, including wars from the South Atlantic to South Asia; the development of oil and gas in the North Sea; economic liberalization and the renaissance of London as a global financial center; questions over national identity and unity, particularly Scotland and Brexit; the challenges of terrorism and hybrid warfare at home and abroad; Elizabeth II, Margaret Thatcher, Tony Blair, and other key personalities of the era.									
A&S	HIST	HIST	5820	History of Russia	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Russian origins, Greek and Mongol influences, expansion of Muscovy, Ivan the Terrible, Peter the Great, Catherine the Great, Russia as great power, and shapes of its 19th-century society.									
A&S	HIST	HIST	5821	Russia: Road to Revolution 1825-1917	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR From czarist Russia to the communist revolution. Background for revolution: origins of Russian socialism, rapid social and economic change, 1905 Revolution, war and the collapse of the Romanov dynasty in 1917.									
A&S	HIST	HIST	5822	Soviet Union	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Soviet Union since the 1917 Revolution. Stalinism, WWII and expansion, Krushchev, Brezhnev. Emphasis on internal affairs.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5823	The USSR in World War II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		History of the Soviet Union during WWII. Topics include wartime diplomacy, espionage, social and political history of the USSR during the war, the creation of the communist states in Eastern Europe after the war, and the origins of the cold war.									
A&S	HIST	HIST	5831	Modern Poland: War, Revolution and Peace from 1905 to the Present	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Explores developments in Poland from partition to independence; Polish struggles for sovereignty and imperial expansion in Eastern Europe; politics and culture in a multinational Poland, the tragedies of World War II, the Holocaust and subordination to the Soviet Union; the popular struggle to build a new, ethnically cleansed Poland and win autonomy with the eastern bloc; the vitality of religious life and nationalism; Poles' successful struggle to free their country from Soviet control and Poland's renewed independence after 1989. We will conclude by studying Poland's contemporary society and politics.									
A&S	HIST	HIST	5840	Ethnic Cleansing in Modern European History	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Studies ethnic cleansing as a central issue in European history - including Europe's colonies. Ethnic cleansing (for much of the 20th century termed "population transfer" or "expulsion") was a policy initiated by numerous great and minor powers from the beginning to the end of the 20th century and provides important perspective on the development of human rights law and state and nation building (and empire breaking) throughout this time. Also considers how the legacy of ethnic cleansing lives on in international relations, politics, the arts, and the popular attitudes and culture of the victims and perpetrators of ethnic cleansing, and their relations toward one another and in the broader international community.									
A&S	HIST	HIST	5860	Shakespeare's England, 1450-1603	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.									
				Major themes to be considered include the establishment of legal and social order in the wake of the Wars of the Roses; the Tudor revolution in government; the Henrician and Protestant Reformations and their effects on English political, social, and cultural life; the economic disaster of the mid sixteenth century; overseas exploration; the flowering of English culture and the arts; war with Spain; relations with Scotland and Ireland; and the ways in which England was governed.									
A&S	HIST	HIST	5860	Shakespeare's England, 1450-1603	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.									
				Major themes to be considered include the establishment of legal and social order in the wake of the Wars of the Roses; the Tudor revolution in government; the Henrician and Protestant Reformations and their effects on English political, social, and cultural life; the economic disaster of the mid sixteenth century; overseas exploration; the flowering of English culture and the arts; war with Spain; relations with Scotland and Ireland; and the ways in which England was governed.									
A&S	HIST	HIST	5861	Revolutionary Britain, 1603-1702	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.									
A&S	HIST	HIST	5861	Revolutionary Britain, 1603-1702	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5863	English History to 1688	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.									
A&S	HIST	HIST	5863	English History to 1688	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.									
A&S	HIST	HIST	5864	Making Modern Britain, 1702-1815	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.									
A&S	HIST	HIST	5864	Making Modern Britain, 1702-1815	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.									
A&S	HIST	HIST	5865	Churchill's Britain	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Britain in the 20th- century, focusing on the country's decline from world power: Britain's modern constitution; the onset of trouble before 1914; the experience of two world wars; society and policy between the wars, especially appeasement and its background; postwar developments, including the welfare state, the "special relationship" with the United States, and European integration.									
A&S	HIST	HIST	5866	Afghan Wars	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the history of strategic rivalry in Afghanistan and the borderlands of Central, South, and West Asia. Topics include the geopolitical setting and premodern precedents of contemporary policy; Britain's Afghan Wars and the Great Game of empire in Asia; the interests and influences of Pakistan, Iran, India, and China; the Soviet war of the 1980s and its consequences; and developments since 2001.									
A&S	HIST	HIST	5867	British Empire in the 19th Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.									
A&S	HIST	HIST	5868	British Empire in the 20th Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Evaluation of the fate of the British Empire in the 20th- century, focusing on the global impact as well as the process of decolonization. Topics include the question of imperial overstretch; development of the Commonwealth; India's independence; and Britain's withdrawal from its smaller dependencies in Africa, Asia, and the Middle East through the return of Hong Kong to China in 1997.									
A&S	HIST	HIST	5870	European Intellectual and Cultural, 18th-20th-Centuries	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Intellectual and cultural trends from the Enlightenment to the beginning of the 20th- century. Themes include economic liberalism, philosophical liberalism, revolution, romanticism, nationalism, philosophy of history, Marxism, Nietzsche, racism, Antisemitism, Social Darwinism, interpretive sociology, and comparative history.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5871	European Intellectual and Cultural, 20th-Century	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Intellectual and cultural currents in 20th-century Europe. Themes include radicalization of intellectual life, Freud and psychoanalysis, fascism, Nazism, Communism, capitalism, feminism, postwar conservatism, post-modernism, collapse of European communism, and fin-de-siecle liberalism.									
A&S	HIST	HIST	5900	Special Topics in History	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	HIST	5900	Special Topics in History	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	HIST	6000	Seminar in United States History	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Topics and research in U.S. history.									
A&S	HIST	HIST	6100	Seminar in Latin American History	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Literature and source materials in Latin American History; readings and reports.									
A&S	HIST	HIST	6300	Seminar in African History	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Research and scholarship in African history.									
A&S	HIST	HIST	6400	Seminar: Southeast Asia	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Research and historiography of Southeast Asian history.									
A&S	HIST	HIST	6500	Seminar in East Asian History	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Study and research in the history of East Asia									
A&S	HIST	HIST	6600	Seminar in European History	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Research in European history.									
A&S	HIST	HIST	6700	Learning and Teaching World History for Graduate Students	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		World History is a comparatively new, or at least newly redefined and newly important, field of teaching, research, and writing in our discipline. Many history graduate students have never studied it, or have been introduced to it only in cursory or piecemeal fashion, yet are increasingly called upon to refer to it, utilize its findings and insights in their own work, and . . . teach it. One obvious goal is to provide a quick and broad-brushed overview of the basic content of World History. Covers major periods in world history from the beginning to the present, highlighting major global changes and their interconnectness. A second goal is to develop a sensitivity to and critical sense about such fundamental matters as structure, generalization, and perspective in World History. Considerable time is spent discussing these, and emphasizing areas in which comparative study is and is not appropriate. A third goal is to introduce some of the major themes and issues that attract debate among world historians these days, and to appreciate the strengths and weaknesses which they pose. This attention to current historiography, especially in a new field, is critical for showing the differences and similarities between today's World History and other perspectives on the study of the past. Along the way, we will consider some strategies for coming to terms with the welter of information and opinion in this often unwieldy field, and for approaching it in ways that are useful to learning and understanding what it has to offer to the study of other varieties of history. A final aim is to introduce graduate students to the many challenges and approaches to teaching this subject. The intent is not only to prepare graduate students for teaching their own World History surveys, but to suggest ways in which they can incorporate global perspectives into their own scholarship and into a variety of possible teaching assignments. Students follow common readings and individual readings, and produce weekly papers on these readings, which are discussed intensively in a seminar setting. The final portion is devoted to students producing an original syllabus for an undergraduate course in World History (either Before 1750 or Since 1750), of sufficient quality to be used in the classroom. This intended to better prepare our graduates to enter the real teaching world of today, in which most will be asked at one time another to talk about and teach World History, and in which having taken a course like this can be a critical factor in an academic job interview.									

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A&S	HIST	HIST	6900	Special Topics in History	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	HIST	6900	Special Topics in History	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	HIST	6901	Colloquium in United States History	SEM	EL	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Literature and source materials in United States history. Readings and reports.									
A&S	HIST	HIST	6901	Colloquium in United States History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Literature and source materials in United States history. Readings and reports.									
A&S	HIST	HIST	6902	Colloquium in Latin American History	SEM	EL	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials in Latin American history. Readings and reports.									
A&S	HIST	HIST	6902	Colloquium in Latin American History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials in Latin American history. Readings and reports.									
A&S	HIST	HIST	6903	Colloquium in European History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials in European History from ancient times to the present. Readings and writing.									
A&S	HIST	HIST	6904	Colloquium in the History of Southeast Asia	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Issues and topics in Southeast Asian history and culture generally, with particular emphasis on selected developments in 19th- and 20th-centuries. Readings and reports.									
A&S	HIST	HIST	6905	Colloquium in Middle Eastern History	SEM	EL	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials in Middle Eastern History. Readings and reports.									
A&S	HIST	HIST	6905	Colloquium in Middle Eastern History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials in Middle Eastern History. Readings and reports.									
A&S	HIST	HIST	6906	Colloquium in African History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Literature and source materials of African history. Readings and reports.									
A&S	HIST	HIST	6907	Colloquium in East Asian History	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Max repeat hours up to 20 PR									
		COURSE DESC:		Selected topics in the history of Japan, China or Korea. Readings and reports.									
A&S	HIST	HIST	6930	Directed Study in History	IND	IS	1 to 6	20		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Intensive individual work either in research or individual systematic reading along lines of student's special interest and under supervision of staff members.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	6950	Thesis ELIGIBLE GRADES: COURSE DESC:	THE	TH	1 to 16	200		I	G40		0
				GEC4: A-F, REQUISITE: CR, PR Writing of a Master's thesis.									
A&S	HIST	HIST	8900	Special Topics in History ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.									
A&S	HIST	HIST	8900	Special Topics in History ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.									
A&S	HIST	HIST	8930	Independent Study ELIGIBLE GRADES: COURSE DESC:	IND	IS	1 to 15	20		I	G50		0
				GEC4: A-F, REQUISITE: Permission required CR, PR Topic and content arranged between faculty member and student.									
A&S	HIST	HIST	8950	Dissertation ELIGIBLE GRADES: COURSE DESC:	THE	TH	1 to 16	200		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR Writing of doctoral dissertation.									
A&S	HIST	JS	1000	Introduction to Jewish Studies ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Introduces Jewish culture, history and politics. We will examine how the Jewish people and their religion emerged in Biblical times, and how Jewish culture has evolved and flourished for 3,000 years. We will look at the many varieties of "Jewishness," as well as the impact the Jews have had on their non-Jewish neighbors. Students will learn about largely unrecognized aspects of Jewish culture. From Christianity to communism, from American humor and music, the Jews have bequeathed a rich and diverse heritage to humanity.									
A&S	HIST	JS	1000	Introduction to Jewish Studies ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Introduces Jewish culture, history and politics. We will examine how the Jewish people and their religion emerged in Biblical times, and how Jewish culture has evolved and flourished for 3,000 years. We will look at the many varieties of "Jewishness," as well as the impact the Jews have had on their non-Jewish neighbors. Students will learn about largely unrecognized aspects of Jewish culture. From Christianity to communism, from American humor and music, the Jews have bequeathed a rich and diverse heritage to humanity.									
A&S	HIST	JS	2100	History of Jewish Humor ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Explores the rich universe of Jewish humor. We will trace its evolution from the Yiddish culture of the 19th- century shtetl all the way to 21st-century cinema and television, where Woody Allen, Jerry Seinfeld, Mel Brooks, and others have made American humor Jewish and Jewish humor American. We will probe the significance of the schlemiel, the schlimazel, and the schnorrer, and why these cultural archetypes which emerged centuries ago in Eastern Europe still have such resonance today.									
A&S	HIST	JS	2100	History of Jewish Humor ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Explores the rich universe of Jewish humor. We will trace its evolution from the Yiddish culture of the 19th- century shtetl all the way to 21st-century cinema and television, where Woody Allen, Jerry Seinfeld, Mel Brooks, and others have made American humor Jewish and Jewish humor American. We will probe the significance of the schlemiel, the schlimazel, and the schnorrer, and why these cultural archetypes which emerged centuries ago in Eastern Europe still have such resonance today.									
A&S	HIST	JS	2900	Special Topics in Jewish Studies ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	HIST	JS	2900	Special Topics in Jewish Studies ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	HIST	T3	4070	Sin and Sex in Western Legal History ELIGIBLE GRADES: COURSE DESC:	SEM	EL	3	0	3	N	U30		0
				GEC1: A-F REQUISITE: 8 Hours in Tier II Humanities and Sr only Examines the intersections of religion, philosophy, law, art and literature in the creation of western legal practices seeking to govern sexual behavior and sexual identity, from the ancient world to the renaissance. Primary questions include how did notions of "sin" become attached to sex, whether and how these ideas permeated modern legal systems, and how subsequent values have impacted gender systems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	T3	4070	Sin and Sex in Western Legal History	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 8 Hours in Tier II Humanities and Sr only									
				Examines the intersections of religion, philosophy, law, art and literature in the creation of western legal practices seeking to govern sexual behavior and sexual identity, from the ancient world to the renaissance. Primary questions include how did notions of "sin" become attached to sex, whether and how these ideas permeated modern legal systems, and how subsequent values have impacted gender systems.									
A&S	HIST	T3	4100	The Intellectual Origins of the American Revolution	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the intellectual origins of the American Revolution. In particular, it will explore the ways in which English and North American authors thought about sovereignty, religion and empire from 1550s until the 1770s and the ways in which thinking on those subjects laid the intellectual groundwork for the American Revolution. Among the authors considered are John Milton, Thomas Hobbes, and John Locke.									
A&S	HIST	T3	4100	The Intellectual Origins of the American Revolution	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the intellectual origins of the American Revolution. In particular, it will explore the ways in which English and North American authors thought about sovereignty, religion and empire from 1550s until the 1770s and the ways in which thinking on those subjects laid the intellectual groundwork for the American Revolution. Among the authors considered are John Milton, Thomas Hobbes, and John Locke.									
A&S	HIST	T3	4101	The Enlightenment: Ireland, Scotland, England	DIS	DI	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the Enlightenment in Ireland, Scotland and England. It considers a range of topics, including economics, religion, natural science and political thought. Writers considered include Isaac Newton, John Locke, Jonathan Swift, David Hume and Adam Smith.									
A&S	HIST	T3	4101	The Enlightenment: Ireland, Scotland, England	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the Enlightenment in Ireland, Scotland and England. It considers a range of topics, including economics, religion, natural science and political thought. Writers considered include Isaac Newton, John Locke, Jonathan Swift, David Hume and Adam Smith.									
A&S	HIST	T3	4104	God and Science in the Western World	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the relationship between religion and science in the Western world, with a particular focus on the era from sixteenth until the late nineteenth century. It is a subject which has vexed historians for nearly a century and a half. Historians originally conceived of religion and science as inherently antagonistic forces which were necessarily at war with one another. The so-called "warfare school" argued that the history of modern science was the history of the science's gradual, indeed, inevitable victory over religion. Others, however, have countered that religion and science were often allies. Still others have contended that the relationship between religion and science cannot adequately be described in terms either of conflict or harmony. Their relations were, instead, complex and can only be appreciated properly when considered in their particular, contingent historical contexts. Students will be forced to grapple with these conceptual models as we cover the broad sweep of religio-scientific development in the Western world, with particular emphasis on the period from 1500 until 1900. We shall also zero in on particular topics Galileo's trial, Newton's alchemical experimentation, Hume's attack on the miraculous, Darwin's theory of evolution, and the Wilberforce-Huxley debates, for instance, which illuminate the distinctive relationship between religion and science in the Western world.									
A&S	HIST	T3	4104	God and Science in the Western World	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				This interdisciplinary course examines the relationship between religion and science in the Western world, with a particular focus on the era from sixteenth until the late nineteenth century. It is a subject which has vexed historians for nearly a century and a half. Historians originally conceived of religion and science as inherently antagonistic forces which were necessarily at war with one another. The so-called "warfare school" argued that the history of modern science was the history of the science's gradual, indeed, inevitable victory over religion. Others, however, have countered that religion and science were often allies. Still others have contended that the relationship between religion and science cannot adequately be described in terms either of conflict or harmony. Their relations were, instead, complex and can only be appreciated properly when considered in their particular, contingent historical contexts. Students will be forced to grapple with these conceptual models as we cover the broad sweep of religio-scientific development in the Western world, with particular emphasis on the period from 1500 until 1900. We shall also zero in on particular topics Galileo's trial, Newton's alchemical experimentation, Hume's attack on the miraculous, Darwin's theory of evolution, and the Wilberforce-Huxley debates, for instance, which illuminate the distinctive relationship between religion and science in the Western world.									
A&S	HIST	T3	4105	Folklore of Espionage	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours Tier II Social Sciences or Humanities and Sr only									
				This senior-level capstone course is designed to allow students to bring together the skills they have acquired in college and use them to study a specific, yet interdisciplinary subject. The folklore of espionage intersects the study of history, political science and espionage studies, folk memories and lore, and film and literature criticism. Examines the subject in a roughly chronological format, using films, television shows and novels to illustrate each development of spy folklore, especially as it interacts with espionage history.									
A&S	HIST	T3	4115	Ancient East Asian Ideas and the Contemporary World	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				The ideas of ancient East Asian philosophers, thinkers, and mystics offer us surprising insights into life in the 21st century. In this interdisciplinary course, we read and discuss the foundational texts of the East Asian tradition (including, but not limited to, the classic works of Confucianism, Daoism, and Buddhism). We look at these writings as historical documents which need to be placed in the context of their times, as creative works to be analyzed as literature, and as living philosophical texts which contain ideas that (potentially) resonate with our own lives.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	T3	4115	Ancient East Asian Ideas and the Contemporary World GEC1: A-F REQUISITE: Sr only COURSE DESC: The ideas of ancient East Asian philosophers, thinkers, and mystics offer us surprising insights into life in the 21st century. In this interdisciplinary course, we read and discuss the foundational texts of the East Asian tradition (including, but not limited to, the classic works of Confucianism, Daoism, and Buddhism). We look at these writings as historical documents which need to be placed in the context of their times, as creative works to be analyzed as literature, and as living philosophical texts which contain ideas that (potentially) resonate with our own lives.	SEM	SE	3	0	3	N	U30		0
A&S	HIST	T3	4140	Slavery: 1400 to the present GEC1: A-F REQUISITE: Sr only COURSE DESC: Employs an interdisciplinary approach that combines historical, anthropological, sociological and literary studies to discuss the institution, practice and experience of slavery in different regions of the world during the early modern and modern periods.	LEC	EL	3	0	3	N	U30		0
A&S	HIST	T3	4140	Slavery: 1400 to the present GEC1: A-F REQUISITE: Sr only COURSE DESC: Employs an interdisciplinary approach that combines historical, anthropological, sociological and literary studies to discuss the institution, practice and experience of slavery in different regions of the world during the early modern and modern periods.	LEC	LE	3	0	3	N	U30		0
A&S	HIST	T3	4150	Michelangelo GEC1: A-F REQUISITE: Sr only COURSE DESC: Using the life and times of this famous artist to understand the culture and civilization of Italy in the Renaissance.	LEC	EL	3	0	3	N	U30		0
A&S	HIST	T3	4150	Michelangelo GEC1: A-F REQUISITE: Sr only COURSE DESC: Using the life and times of this famous artist to understand the culture and civilization of Italy in the Renaissance.	LEC	LE	3	0	3	N	U30		0
A&S	HIST	T3	4160	Gender in the Renaissance GEC1: A-F REQUISITE: (HIST 1210 or 1220) and Sr only COURSE DESC: Explores sex difference and gendered notions of masculinity and femininity in the Renaissance, 1350-1600. It will explore various social, political, economic, medical and religious conceptions of sex difference alongside culturally-constructed gendered norms represented in literature, the visual arts, legal codes, normative literature, medical treatises, personal diaries and more. Students will assess to what extent sex and/or gender determined one's opportunities during this era.	LEC	EL	3	0	3	N	U30		0
A&S	HIST	T3	4160	Gender in the Renaissance GEC1: A-F REQUISITE: (HIST 1210 or 1220) and Sr only COURSE DESC: Explores sex difference and gendered notions of masculinity and femininity in the Renaissance, 1350-1600. It will explore various social, political, economic, medical and religious conceptions of sex difference alongside culturally-constructed gendered norms represented in literature, the visual arts, legal codes, normative literature, medical treatises, personal diaries and more. Students will assess to what extent sex and/or gender determined one's opportunities during this era.	LEC	LE	3	0	3	N	U30		0
A&S	HIST	T3	4180	Disease, Medicine and Society in Europe to 1800 GEC1: A-F REQUISITE: HIST 1210 or 1220 and Sr only and completion of Tier II COURSE DESC: Interdisciplinary approach to the history of disease and socio-cultural responses to it. Explores the medical history of diseases such as the Black Death, leprosy, syphilis, madness and cholera, from the ancient world to 1800 and the social, political, economic and religious contexts in which such diseases were defined and experienced. Particular focus on individual and institutional response to perceived "public health" threats in premodern world.	LEC	LE	3	0	3	N	U30		0
A&S	HIST	T3	4820	Art and History: 1950s and 1960s GEC1: A-F REQUISITE: Completion of Tier II Humanities and Fine Arts and Sr only COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.	LEC	EL	3	0	3	N	U30		0
A&S	HIST	T3	4820	Art and History: 1950s and 1960s GEC1: A-F REQUISITE: Completion of Tier II Humanities and Fine Arts and Sr only COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.	LEC	LE	3	0	3	N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	INST	MALA	3110	Advanced Malaysian I	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 2120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malaysian speakers.									
A&S	INST	MALA	3120	Advanced Malaysian II	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 3110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malay speakers.									
A&S	INST	MALA	3120	Advanced Malaysian II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 3110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malay speakers.									
A&S	INST	MALA	3930	Independent Study-Malaysian	IND	EL	1 to 4	4	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Independent study of topic of interest in Malaysian language or literature.									
A&S	INST	MALA	3930	Independent Study-Malaysian	IND	IS	1 to 4	4	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Independent study of topic of interest in Malaysian language or literature.									
A&S	INST	MALA	5310	Advanced Malaysian I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5220 or (522 and 523)									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malaysian speakers.									
A&S	INST	MALA	5320	Advanced Malaysian II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MALA 5310									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malay speakers.									
A&S	INST	MALA	5320	Advanced Malaysian II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MALA 5310									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malay speakers.									
A&S	INST	MALA	5930	Independent Study-Malaysian	IND	EL	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Independent study of topic of interest in Malaysian language or literature.									
A&S	INST	MALA	5930	Independent Study-Malaysian	IND	IS	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Independent study of topic of interest in Malaysian language or literature.									
A&S	INST	ZULU	1110	Elementary Zulu I	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	ZULU	1110	Elementary Zulu I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	ZULU	1120	Elementary Zulu II	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ZULU 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									

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A&S	INST	ZULU	1120	Elementary Zulu II ELIGIBLE GRADES: GEC1: A-F REQUISITE: ZULU 1110 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0	2CP	N	U30		0
A&S	INST	ZULU	2110	Intermediate Zulu I ELIGIBLE GRADES: GEC1: A-F REQUISITE: ZULU 1120 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0	2CP	N	U30		0
A&S	INST	ZULU	2110	Intermediate Zulu I ELIGIBLE GRADES: GEC1: A-F REQUISITE: ZULU 1120 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0	2CP	N	U30		0
A&S	INST	ZULU	2120	Intermediate Zulu II ELIGIBLE GRADES: GEC1: A-F REQUISITE: ZULU 2110 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0	2CP	N	U30		0
A&S	INST	ZULU	2120	Intermediate Zulu II ELIGIBLE GRADES: GEC1: A-F REQUISITE: ZULU 2110 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0	2CP	N	U30		0
A&S	INST	ZULU	5110	Elementary Zulu I ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0		N	G40		0
A&S	INST	ZULU	5110	Elementary Zulu I ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0		N	G40		0
A&S	INST	ZULU	5120	Elementary Zulu II ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: ZULU 5110 or (569A and 569B) COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0		N	G40		0
A&S	INST	ZULU	5120	Elementary Zulu II ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: ZULU 5110 or (569A and 569B) COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0		N	G40		0
A&S	INST	ZULU	5210	Intermediate Zulu I ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: ZULU 5120 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0		N	G40		0
A&S	INST	ZULU	5210	Intermediate Zulu I ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: ZULU 5120 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	LE	4	0		N	G40		0
A&S	INST	ZULU	5220	Intermediate Zulu II ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: ZULU 5210 COURSE DESC: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.	LEC	EL	4	0		N	G40		0

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 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	INST	ZULU	5220	Intermediate Zulu II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ZULU 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	ARAB	1110	Elementary Arabic I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		First course in a two-semester first year sequence.									
A&S	LING	ARAB	1120	Elementary Arabic II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ARAB 1110									
		COURSE DESC:		Second course of two-semester first-year sequence.									
A&S	LING	ARAB	2110	Intermediate Arabic I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ARAB 1120									
		COURSE DESC:		First course of two semester intermediate-level sequence.									
A&S	LING	ARAB	2120	Intermediate Arabic II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ARAB 2110									
		COURSE DESC:		Second course of two semester intermediate-level sequence.									
A&S	LING	ARAB	2900	Special Topics in Arabic	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	ARAB	2900	Special Topics in Arabic	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	ARAB	3990	Special Studies in Arabic	TUT	TU	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Special studies in advanced Arabic studies.									
A&S	LING	ARAB	4900	Special Topics in Arabic	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	ARAB	4900	Special Topics in Arabic	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	ARAB	5110	Elementary Arabic I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR First course in a two-semester first year sequence.									
A&S	LING	ARAB	5120	Elementary Arabic II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5110									
		COURSE DESC:		CR Second course of two-semester first-year sequence.									
A&S	LING	ARAB	5210	Intermediate Arabic I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5120									
		COURSE DESC:		CR First course of two semester intermediate-level sequence.									
A&S	LING	ARAB	5220	Intermediate Arabic II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5210									
		COURSE DESC:		CR Second course of two semester intermediate-level sequence.									
A&S	LING	ARAB	5900	Special Topics in Arabic	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	ARAB	5900	Special Topics in Arabic	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	LING	ARAB	5990	Special Studies in Arabic	TUT	TU	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Special studies in advanced Arabic studies.									
A&S	LING	CHIN	1110	Elementary Chinese I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of spoken and written Mandarin.									
A&S	LING	CHIN	1120	Elementary Chinese II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 1110									
		COURSE DESC:		Study of spoken and written Mandarin.									
A&S	LING	CHIN	2110	Intermediate Chinese I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 1120									
		COURSE DESC:		First course of two-semester intermediate-level sequence.									
A&S	LING	CHIN	2120	Intermediate Chinese II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 2110									
		COURSE DESC:		Second course of two-semester intermediate-level sequence.									
A&S	LING	CHIN	2900	Special Topics in Chinese	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	CHIN	2900	Special Topics in Chinese	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	CHIN	3100	Chinese Language and Culture: Preparing for Summer Study in China	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHIN 1120 or concurrent and no more than 2 prior credits in 3100									
		COURSE DESC:		PR, F Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	CHIN	3100	Chinese Language and Culture: Preparing for Summer Study in China	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHIN 1120 or concurrent and no more than 2 prior credits in 3100									
		COURSE DESC:		PR, F Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	CHIN	3110	Advanced Chinese I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 2120									
		COURSE DESC:		First course of an advanced two-course third-year sequence.									
A&S	LING	CHIN	3120	Advanced Chinese II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 3110									
		COURSE DESC:		Second course of an advanced two-course third-year sequence.									
A&S	LING	CHIN	3990	Special Studies in Chinese	LEC	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	CHIN	3990	Special Studies in Chinese	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.									
A&S	LING	CHIN	4110	Advanced Reading and Conversation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 3120									
		COURSE DESC:		Designed to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.									
A&S	LING	CHIN	4120	Advanced Chinese: Myth and Traditional Values	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 4110									
		COURSE DESC:		Continues the 4th year Chinese language series to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.									
A&S	LING	CHIN	4900	Special Topics in Chinese	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	CHIN	4900	Special Topics in Chinese	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	CHIN	5100	Chinese Language and Culture: Preparing for Summer Study in China	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 5120									
		COURSE DESC:		Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	CHIN	5100	Chinese Language and Culture: Preparing for Summer Study in China	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 5120									
		COURSE DESC:		Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	CHIN	5110	Elementary Chinese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Study of spoken and written Mandarin.									
A&S	LING	CHIN	5120	Elementary Chinese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5110									
		COURSE DESC:		CR Study of spoken and written Mandarin.									
A&S	LING	CHIN	5210	Intermediate Chinese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5120									
		COURSE DESC:		CR First course of two-semester intermediate-level sequence.									
A&S	LING	CHIN	5220	Intermediate Chinese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5210									
		COURSE DESC:		CR Second course of two-semester intermediate-level sequence.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	CHIN	5310	Advanced Chinese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5220									
		COURSE DESC:		CR First course of an advanced two-course third-year sequence.									
A&S	LING	CHIN	5320	Advanced Chinese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5310									
		COURSE DESC:		CR Second course of an advanced two-course third-year sequence.									
A&S	LING	CHIN	5410	Advanced Reading and Conversation	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5320									
		COURSE DESC:		CR Designed to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.									
A&S	LING	CHIN	5420	Advanced Chinese: Myth and Traditional Values	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5320									
		COURSE DESC:		CR Continues the 4th year Chinese language series to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.									
A&S	LING	CHIN	5900	Special Topics in Chinese	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	LING	CHIN	5900	Special Topics in Chinese	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	LING	CHIN	5990	Special Studies	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.									
A&S	LING	ELIP	1300	Business Relations and Communication Skills	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will focus on strengthening students' Business English communication skills. Topics will include cross-cultural communication, presenting, and communicating in teams. Students will be encouraged to use material from their academic courses as they enhance their communication skills. Individualized attention will be given.									
A&S	LING	ELIP	5100	Critical Reading and Analysis	SEM	SE	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F This course is to assist graduate students in managing their academic reading load. Critical Reading and Analysis focuses on developing/improving efficient reading habits and techniques, improving reading rate and comprehension, increasing vocabulary, recognizing and developing information organization, and sharpening critical thinking skills. Students will also practice identifying the rhetorical style of texts. This course incorporates readings from various genres and readings from students' own fields.									
A&S	LING	ELIP	5120	Graduate Reading and Writing	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Designed to help international graduate students work toward their goal of becoming independent and skilled readers and writers in their disciplines. Course writing assignments focus on their disciplines and include summaries, response papers, and essays. The course also addresses plagiarism and citation of sources, ways to develop a more academic vocabulary, and grammar topics such as verbs, articles, and sentence control. Reading skills are strengthened using texts from students' academic courses. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	ELIP	5140	Academic Writing in Graduate Studies	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Graduate students develop the skills they need to become successful writers in their academic and post-academic careers. Course topics include writing a critique, annotated bibliography, and literature review. Strategies for organizing and developing thoughts, writing concisely in an academic style, and proofreading are also covered, as is following a citation style. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									
A&S	LING	ELIP	5140	Academic Writing in Graduate Studies	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Graduate students develop the skills they need to become successful writers in their academic and post-academic careers. Course topics include writing a critique, annotated bibliography, and literature review. Strategies for organizing and developing thoughts, writing concisely in an academic style, and proofreading are also covered, as is following a citation style. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									
A&S	LING	ELIP	5160	Writing for Research	SEM	SE	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Guides students through the process of writing up primary research following the guidelines/practices of their field. The intended audience is students writing up their research or research plan, such as writing a proposal, final research project, thesis, dissertation, or article for publication. Organizing and writing up the literature review, methods, results, and discussion sections will be covered. Additionally discussed are avoiding plagiarism, following a citation style guide, and using an academic writing style. Individualized attention is given.									
A&S	LING	ELIP	5180	Professional Writing in Public Administration	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Provide writing assistance for students in the Online Executive Masters of Public Administration Program in the Voinovich School of Leadership and Public Affairs. As such, topics include finding, evaluating, and organizing content; building and supporting an argument; writing in a professional style appropriate for public administration; and using sources effectively while following APA style. Writing assignments will be tailored to meet the requirements of MPA coursework. The course consists of three modules, with one on-site visit per module and the remaining work to be completed via the online course management system. Student interaction occurs during on-site visits as well as via the online portion of the course.									
A&S	LING	ELIP	5180	Professional Writing in Public Administration	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Provide writing assistance for students in the Online Executive Masters of Public Administration Program in the Voinovich School of Leadership and Public Affairs. As such, topics include finding, evaluating, and organizing content; building and supporting an argument; writing in a professional style appropriate for public administration; and using sources effectively while following APA style. Writing assignments will be tailored to meet the requirements of MPA coursework. The course consists of three modules, with one on-site visit per module and the remaining work to be completed via the online course management system. Student interaction occurs during on-site visits as well as via the online portion of the course.									
A&S	LING	ELIP	5200	English Pronunciation	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		The major emphasis in this course is on helping international students improve their pronunciation of American English for overall intelligibility and comprehension. Topics include specific vowel and consonant sounds, intonation, rhythm, fluency, and word stress. The course also helps students improve their listening comprehension and practice using correct grammatical structures. Whenever possible, students work with material from their disciplines, and there is considerable individualized instruction. Awareness of American culture and conversation conventions is also discussed and practiced.									
A&S	LING	ELIP	5220	Classroom Communication Skills for International Teaching Assistants	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		The major emphasis in this class is on developing the language skills necessary for effective teaching, which include fluency, use of discourse markers, and the structural control needed for defining and explaining. In addition, considerable attention will also be given to the language necessary for effective interaction with undergraduate students, to meeting the pronunciation needs of both the class as a whole and the individual student and to the awareness of expectations for TAs and the academic situation in the United States generally.									
A&S	LING	ELIP	5220	Classroom Communication Skills for International Teaching Assistants	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		The major emphasis in this class is on developing the language skills necessary for effective teaching, which include fluency, use of discourse markers, and the structural control needed for defining and explaining. In addition, considerable attention will also be given to the language necessary for effective interaction with undergraduate students, to meeting the pronunciation needs of both the class as a whole and the individual student and to the awareness of expectations for TAs and the academic situation in the United States generally.									

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A&S	LING	ELIP	5300	Oral Communication in Graduate Studies	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		The goal of this highly interactive course is to help international students improve their English oral communication skills and increase their confidence in order to help them succeed in the US academic community. Students explore strategies for effective public speaking and then practice giving presentations and asking questions as well as leading and participating in group discussions. Other topics include American culture, idioms, and engaging in and maintaining small talk. Students also have the opportunity to refine their pronunciation of individual sounds, rhythm, intonation, and word stress in spontaneous and planned spoken English.									
A&S	LING	ELIP	5300	Oral Communication in Graduate Studies	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		The goal of this highly interactive course is to help international students improve their English oral communication skills and increase their confidence in order to help them succeed in the US academic community. Students explore strategies for effective public speaking and then practice giving presentations and asking questions as well as leading and participating in group discussions. Other topics include American culture, idioms, and engaging in and maintaining small talk. Students also have the opportunity to refine their pronunciation of individual sounds, rhythm, intonation, and word stress in spontaneous and planned spoken English.									
A&S	LING	ELIP	5320	Oral Communication for the Graduate Researcher and Presenter	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		The goal of this course is to help students refine their communication and presentation skills for graduate and post-graduate work. Topics include defending a thesis/dissertation proposal, presenting at a conference/job talk, giving a poster session, and performing in an interview. Creating and effectively using slides and/or handouts will also be covered. In addition, organizing ideas, using clear discourse markers, using nonverbal language effectively, and maintaining a strong presentation presence will be integral to the course.									
A&S	LING	ELIP	5320	Oral Communication for the Graduate Researcher and Presenter	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		The goal of this course is to help students refine their communication and presentation skills for graduate and post-graduate work. Topics include defending a thesis/dissertation proposal, presenting at a conference/job talk, giving a poster session, and performing in an interview. Creating and effectively using slides and/or handouts will also be covered. In addition, organizing ideas, using clear discourse markers, using nonverbal language effectively, and maintaining a strong presentation presence will be integral to the course.									
A&S	LING	ELIP	5900	Special Topics in English Language Improvement Program	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	ELIP	5900	Special Topics in English Language Improvement Program	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	ELIP	6000	Special Studies in Graduate Writing	TUT	TU	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Directed individual investigation and practice of particular area of interest in graduate writing.									
A&S	LING	ELIP	6100	Special Studies in Oral Communication	TUT	TU	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Directed individual investigation and practice of particular area of interest in graduate writing.									
A&S	LING	ELIP	6900	Special Topics in English Language Improvement Program	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	ELIP	6900	Special Topics in English Language Improvement Program	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	ILL	3400	Traditional Literature of Southeast Asia ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Survey of traditional literature of Southeast Asia in English.	LEC	LE	3	0		N	U30		0
A&S	LING	ILL	3450	Modern Literature of South East Asia ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Course description not available.	LEC	LE	3	0		N	U30		0
A&S	LING	ILL	3890	Women in Chinese Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Soph or Jr or Sr Introduces Chinese language, culture and society through Chinese literature, with the theme: women in China as reflected in literature. Chinese women have been a vital part of the culture. Women's role as reflected in Chinese literature provides a rich illustration of Chinese language, culture, and society. The readings offer a rich illustration of the dilemma of traditional expectations of women in various historical periods, and the ever changing roles of women as society changes.	LEC	LE	3	0	2CP	N	U30		0
A&S	LING	ILL	4900	Special Topics in International Literature - Linguistics ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	LING	ILL	4900	Special Topics in International Literature - Linguistics ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	LING	ILL	5890	Women in Chinese Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHIN 5320 Introduces Chinese language, culture and society through Chinese literature, with the theme: women in China as reflected in literature. Chinese women have been a vital part of the culture. Women's role as reflected in Chinese literature provides a rich illustration of Chinese language, culture, and society. The readings offer a rich illustration of the dilemma of traditional expectations of women in various historical periods, and the ever changing roles of women as society changes.	LEC	LE	4	0		N	G40		0
A&S	LING	ILL	5900	Special Topics in International Literature - Linguistics ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: REQUISITE: CR, PR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
A&S	LING	ILL	5900	Special Topics in International Literature - Linguistics ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: REQUISITE: CR, PR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
A&S	LING	JPC	2500	Introduction to Japanese Culture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction to cultural traditions of Japan and its language. English translations are used.	LEC	LE	3	0	2CP	N	U30		0
A&S	LING	JPC	2900	Special Topics in Japanese Culture ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	LING	JPC	2900	Special Topics in Japanese Culture ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	LING	JPC	3100	Field Study in Japan ELIGIBLE GRADES: GEC6: CR, COURSE DESC: REQUISITE: PR, F Permission required and (Soph or Jr or Sr) Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.	LEC	EL	0	0		I	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPC	3100	Field Study in Japan	LEC	LE	0	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and (Soph or Jr or Sr)									
		COURSE DESC:		PR, F Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.									
A&S	LING	JPC	4500	Japan:A Sociocultural Interpretation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Focused readings in English designed to broaden students' understanding of Japanese culture for personal, academic, or professional purposes.									
A&S	LING	JPC	4900	Special Topics in Japanese Culture	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPC	4900	Special Topics in Japanese Culture	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPC	5100	Field Study in Japan	LEC	EL	0	0		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.									
A&S	LING	JPC	5100	Field Study in Japan	LEC	LE	0	0		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.									
A&S	LING	JPC	5500	Japan: A Sociocultural Interpretation	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focused readings in English designed to broaden students' understanding of Japanese culture for personal, academic, or professional purposes.									
A&S	LING	JPC	5500	Japan: A Sociocultural Interpretation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focused readings in English designed to broaden students' understanding of Japanese culture for personal, academic, or professional purposes.									
A&S	LING	JPC	5900	Special Topics in Japanese Culture	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPC	5900	Special Topics in Japanese Culture	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPN	1110	Elementary Japanese I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning course of two semester first-year sequence.									
A&S	LING	JPN	1120	Elementary Japanese II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 1110									
		COURSE DESC:		Continuation of 1110. Second course of two semester first-year sequence.									
A&S	LING	JPN	2110	Intermediate Japanese I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 1120									
		COURSE DESC:		First course of two-semester intermediate-level sequence.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPN	2120	Intermediate Japanese II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 2110									
		COURSE DESC:		Second course of two-semester intermediate-level sequence. Continuation of 2110.									
A&S	LING	JPN	2900	Special Topics in Japanese Language	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPN	2900	Special Topics in Japanese Language	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	JPN	3110	Advanced Japanese I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 2120									
		COURSE DESC:		First course of a two course advanced, third-level sequence.									
A&S	LING	JPN	3120	Advanced Japanese II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 3110									
		COURSE DESC:		Second course in a two course advanced third-year sequence.									
A&S	LING	JPN	3380	Spoken Japanese I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 2120									
		COURSE DESC:		Development of receptive and productive skills to engage in extended oral discourse in a wide range of interpersonal communicative situations. Emphasis on sociocultural aspects of language use.									
A&S	LING	JPN	3390	Spoken Japanese II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 3380									
		COURSE DESC:		This is the second course in this two course series. Specifically designed to strengthen the students' ability to communicate orally on various topics in both formal and informal settings.									
A&S	LING	JPN	3390	Spoken Japanese II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 3380									
		COURSE DESC:		This is the second course in this two course series. Specifically designed to strengthen the students' ability to communicate orally on various topics in both formal and informal settings.									
A&S	LING	JPN	3410	Business Japanese I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 2120									
		COURSE DESC:		Adaptation of productive receptive skills introduced in JPN 1110-2120 courses specifically for use in the context of the contemporary Japanese workplace.									
A&S	LING	JPN	3480	Readings in Japanese Culture I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 2120 or 3110									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan, through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	3490	Readings in Japanese Culture II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 3480									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan, through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	3990	Special Studies in Japanese	LEC	EL	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Japanese language and culture.									
A&S	LING	JPN	3990	Special Studies in Japanese	LEC	LE	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Japanese language and culture.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPN	4110	Fourth-Year Japanese I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: JPN 3120 Beginning course of two course fourth-year sequence.									
A&S	LING	JPN	4120	Fourth-Year Japanese II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: JPN 4110 Second course of a two course fourth-year sequence.									
A&S	LING	JPN	4900	Special Topics in Japanese Language ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	LING	JPN	4900	Special Topics in Japanese Language ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	LING	JPN	5110	Elementary Japanese I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: CR Beginning course of two semester first-year sequence.									
A&S	LING	JPN	5120	Elementary Japanese II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5110 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5120	Elementary Japanese II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5110 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5210	Intermediate Japanese I ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5120 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5210	Intermediate Japanese I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5120 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5220	Intermediate Japanese II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5210 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5310	Advanced Japanese I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5220 CR Study of spoken and written Japanese.									
A&S	LING	JPN	5320	Advanced Japanese II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: JPN 5310 CR Study of spoken and written Japanese.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPN	5320	Advanced Japanese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5310 CR									
		COURSE DESC:		Study of spoken and written Japanese.									
A&S	LING	JPN	5380	Spoken Japanese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5220 CR									
		COURSE DESC:		Development of receptive and productive skills for extended oral discourse in a wide range of interpersonal communicative situations. Emphasis on sociocultural aspects of language use.									
A&S	LING	JPN	5390	Spoken Japanese II	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5380 CR									
		COURSE DESC:		This is the second course in this two course series. Specifically designed to strengthen the students' ability to communicate orally on various topics in both formal and informal settings.									
A&S	LING	JPN	5390	Spoken Japanese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5380 CR									
		COURSE DESC:		This is the second course in this two course series. Specifically designed to strengthen the students' ability to communicate orally on various topics in both formal and informal settings.									
A&S	LING	JPN	5410	Business Japanese I	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5120 CR									
		COURSE DESC:		Adaptation of productive and receptive skills introduced in JPN 5110-5220 for use in the context of the contemporary Japanese workplace.									
A&S	LING	JPN	5410	Business Japanese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5120 CR									
		COURSE DESC:		Adaptation of productive and receptive skills introduced in JPN 5110-5220 for use in the context of the contemporary Japanese workplace.									
A&S	LING	JPN	5440	Fourth-Year Japanese I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5320 CR									
		COURSE DESC:		Beginning course of two course fourth-year sequence.									
A&S	LING	JPN	5450	Fourth-Year Japanese II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and JPN 5440 CR									
		COURSE DESC:		Second course of a two course fourth-year sequence.									
A&S	LING	JPN	5480	Readings in Japanese Culture I	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 5310									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	5480	Readings in Japanese Culture I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 5310									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	5490	Readings in Japanese Culture II	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 5480									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	5490	Readings in Japanese Culture II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 5480									
		COURSE DESC:		Social, political, and cultural aspects of modern Japan through readings, discussions, class reports, and short papers. All work will be done in Japanese.									
A&S	LING	JPN	5900	Special Topics in Japanese Language	LEC	EL	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: WGSS 3500 CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	LING	JPN	5900	Special Topics in Japanese Language	LEC	LE	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: WGSS 3500									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	LING	JPN	5990	Special Studies	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Japanese language and culture.									
A&S	LING	JPN	5990	Special Studies	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Japanese language and culture.									
A&S	LING	LING	1010	Grammar in Language Learning and Teaching	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F This self-paced online course will provide a basic introduction to English grammar in language learning and language teaching.									
A&S	LING	LING	1010	Grammar in Language Learning and Teaching	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F This self-paced online course will provide a basic introduction to English grammar in language learning and language teaching.									
A&S	LING	LING	2700	The Nature of Language	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A broad look at the nature of language. The focus is on human language in general: characteristics, acquisition, meaning, social use, and tendencies for change in language. Language is an everyday experience for all of us. We use language to convey our most basic needs and to express our most profound hopes. We rarely give a second thought to this tool whose use generally comes to us so effortlessly. This course will help you understand and appreciate the complexity and sophistication that underlies this system we depend on so much.									
A&S	LING	LING	2750	Introduction to Language and Culture	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		This course examines cultural similarities and differences through the prism of language. Etymology and the mapping of world language families reveal how cultural practices are transmitted through language and how loan words reveal patterns of world trade, migration, and colonialism. Differing semantic classification systems of kinship, food, emotions, etc., and varying conceptual metaphors of space and time show how cultures map the same real world experiences differently. Cultures also vary in terms of speech acts - greetings, apologies, compliments, etc., and how they mark social relationships through address terms - honorifics, pronouns, and nicknames, etc. Ultimately, this course seeks to illuminate the complex inter-relationship of individual, linguistic and cultural identity.									
A&S	LING	LING	2750	Introduction to Language and Culture	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		This course examines cultural similarities and differences through the prism of language. Etymology and the mapping of world language families reveal how cultural practices are transmitted through language and how loan words reveal patterns of world trade, migration, and colonialism. Differing semantic classification systems of kinship, food, emotions, etc., and varying conceptual metaphors of space and time show how cultures map the same real world experiences differently. Cultures also vary in terms of speech acts - greetings, apologies, compliments, etc., and how they mark social relationships through address terms - honorifics, pronouns, and nicknames, etc. Ultimately, this course seeks to illuminate the complex inter-relationship of individual, linguistic and cultural identity.									
A&S	LING	LING	2800	Language in America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		A careful study of the history and development of language varieties in America complemented by analysis of the features and functions of dialect, lexicon, and cultural connections. Extensive investigation of rural, urban, social, ethnic and gendered varieties of English.									
A&S	LING	LING	2900	Special Topics in Linguistics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	LING	2900	Special Topics in Linguistics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	LING	3500	Introduction to Linguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Linguistics majors or (Jr or Sr)									
		COURSE DESC:		General course in fundamental linguistic principles; duality of patterning; phonetics/phonology; syntax/semantics; morphology.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	3800	Introduction to Psycholinguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	3880	Special Topics in Applied Linguistics	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	3880	Special Topics in Applied Linguistics	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	3900	Language and Gender	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
A&S	LING	LING	4150	Audio, Video and Multimedia in Language Learning	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	4150	Audio, Video and Multimedia in Language Learning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	4160	Designing Advanced Interactive Computer Assisted Language Learning Materials	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 4150									
A&S	LING	LING	4160	Designing Advanced Interactive Computer Assisted Language Learning Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 4150									
A&S	LING	LING	4510	Computers for Language Teaching I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	4510	Computers for Language Teaching I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 3500									
A&S	LING	LING	4520	Computers in Language Teaching II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: LING 4510									
				Second class expands upon the theory and materials creation of 551. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot potatoes, multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	4520	Computers in Language Teaching II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4510									
		COURSE DESC:		Second class expands upon the theory and materials creation of 551. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot potatoes, multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									
A&S	LING	LING	4600	Introduction to Phonetics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.									
A&S	LING	LING	4600	Introduction to Phonetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.									
A&S	LING	LING	4610	Introduction to Phonology and Morphology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Introductory course in analysis of sound systems of natural languages.									
A&S	LING	LING	4700	Syntactic Description of English	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Focuses on the prominent structural patterns observed in various phrases and sentences in English. The approach is descriptive rather than explanatory. The students learn how to analyze syntactic patterns of English objectively and how to express them in grammatical terminology.									
A&S	LING	LING	4750	Language Learning	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500 or concurrent									
		COURSE DESC:		Introduction to theories of first and second language acquisition and their implications for language teaching methodology.									
A&S	LING	LING	4750	Language Learning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500 or concurrent									
		COURSE DESC:		Introduction to theories of first and second language acquisition and their implications for language teaching methodology.									
A&S	LING	LING	4800	Methods and Materials in TEFL	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4750 or concurrent									
		COURSE DESC:		Second language teaching theory and methodology, with emphasis on teaching English as foreign language.									
A&S	LING	LING	4800	Methods and Materials in TEFL	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4750 or concurrent									
		COURSE DESC:		Second language teaching theory and methodology, with emphasis on teaching English as foreign language.									
A&S	LING	LING	4830	Assessing Language Abilities	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (LING 3500 and 4800) or concurrent									
		COURSE DESC:		Evaluation and writing of language test items appropriate for measuring global competency and competency in specific skill areas. Entry and exit testing for public school ESL programs also discussed.									
A&S	LING	LING	4830	Assessing Language Abilities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (LING 3500 and 4800) or concurrent									
		COURSE DESC:		Evaluation and writing of language test items appropriate for measuring global competency and competency in specific skill areas. Entry and exit testing for public school ESL programs also discussed.									
A&S	LING	LING	4840	Documenting and Evaluating Language Variety and Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 hours in Linguistics and Sr									
		COURSE DESC:		The course examines historical varieties of English as well as contributing forms of Scots and Scots Gaelic. More specifically, the course traces the development of contemporary varieties of English, especially those varieties recognized in the Appalachian and southern Ohio regions. Coursework emphasizes synchronic variation and diachronic change as primary elements of language analysis while also highlighting contributions of the languages of Scotland to varieties of American English. Students examine data, interpret texts and apply knowledge of multiple language forms to documentation tasks both inside and outside the classroom.									
A&S	LING	LING	4850	Historical Linguistics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4610									
		COURSE DESC:		Study of genealogical classification of languages, and of historical change in language systems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	4850	Historical Linguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4610									
		COURSE DESC:		Study of genealogical classification of languages, and of historical change in language systems.									
A&S	LING	LING	4860	Introduction to Semantics and Pragmatics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Introduces the key concepts of Semantics and Pragmatics, explores their interface, and examines their application to second language teaching									
A&S	LING	LING	4900	Special Topics in Linguistics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	LING	4900	Special Topics in Linguistics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	LING	LING	4901	Sociolinguistics and Bilingualism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500									
		COURSE DESC:		Examines language varieties and their social functions with implications for educational policy and national language planning. Introduces students to different approaches to sociolinguistic research and the application of sociolinguistic theories and research in addressing contemporary issues. The course also intrduces students to the basic aspects of bilingual education from the historical legal, sociological, linguistic, and educational perspectives.									
A&S	LING	LING	4912	Internship in TESOL	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and LING 3500									
		COURSE DESC:		PR, F Practice in ESL teaching, instructional support, and/or program administration.									
A&S	LING	LING	4920	English as a Second Language Teaching Practicum	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 3500 and 4750 and 4800									
		COURSE DESC:		PR, F Practice in the teaching of English as a second or foreign language with faculty supervision.									
A&S	LING	LING	4921	CALL Teaching Practicum	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 4520									
		COURSE DESC:		PR, F Provides students with supervised opportunities to teach English online to students at Ohio University affiliated institutions, including Chubu University, Hong Kong Baptist University, Al-Baha University and others. Students will apply practices related to language teaching methods, materials design and computer assisted language learning. They will also be responsible for creating instructional materials and environments used in the practicum. Students will have opportunities to focus on general English as well as specific language skills, including writing for academic purposes, pronunciation, business English, and other foci as appropriate.									
A&S	LING	LING	4940	Research Experience in Linguistics	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and LING 3500									
		COURSE DESC:		PR, F Students will have an opportunity to gain research experience by working with faculty on their research areas.									
A&S	LING	LING	4941	Directed Research in Linguistics	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: LING 4940									
		COURSE DESC:		CR Working under the direction of a faculty member, students will undertake their own research.									
A&S	LING	LING	4990	Special Studies in Linguistics	TUT	TU	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Independent study of particular area of interest in linguistics.									
A&S	LING	LING	5010	Grammar in Language Learning and Teaching	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F An online self-paced introduction to grammar.									
A&S	LING	LING	5010	Grammar in Language Learning and Teaching	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F An online self-paced introduction to grammar.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	5150	Distributed Learning Courseware - Basics	IND	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		First course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to use of media, focusing on media integration and portability. Video, audio, and multimedia, including audio and video recording, editing, integration into web pages, animations, and other means of distribution, including synchronous and asynchronous audio, video-conferencing, streaming, and experimentation with audio and video related portable devices.									
A&S	LING	LING	5150	Distributed Learning Courseware - Basics	IND	IS	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		First course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to use of media, focusing on media integration and portability. Video, audio, and multimedia, including audio and video recording, editing, integration into web pages, animations, and other means of distribution, including synchronous and asynchronous audio, video-conferencing, streaming, and experimentation with audio and video related portable devices.									
A&S	LING	LING	5150	Distributed Learning Courseware - Basics	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		First course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to use of media, focusing on media integration and portability. Video, audio, and multimedia, including audio and video recording, editing, integration into web pages, animations, and other means of distribution, including synchronous and asynchronous audio, video-conferencing, streaming, and experimentation with audio and video related portable devices.									
A&S	LING	LING	5150	Distributed Learning Courseware - Basics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		First course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to use of media, focusing on media integration and portability. Video, audio, and multimedia, including audio and video recording, editing, integration into web pages, animations, and other means of distribution, including synchronous and asynchronous audio, video-conferencing, streaming, and experimentation with audio and video related portable devices.									
A&S	LING	LING	5160	Distributed Learning Courseware - Interactive Design	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Second course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to interactive technologies, targeting each of the various language skills: listening, speaking, reading, writing, and grammar. Each of these skills will be addressed through use of CMC, such as weblogs, chat, virtual audio boards, textual discussion boards, as well as web-based materials, course management systems, video-conferencing, telephony, portable devices, and other related technologies as appropriate.									
A&S	LING	LING	5160	Distributed Learning Courseware - Interactive Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Second course in a sequence designed to provide training in developing instructional courseware. Investigation into language teaching related to interactive technologies, targeting each of the various language skills: listening, speaking, reading, writing, and grammar. Each of these skills will be addressed through use of CMC, such as weblogs, chat, virtual audio boards, textual discussion boards, as well as web-based materials, course management systems, video-conferencing, telephony, portable devices, and other related technologies as appropriate.									
A&S	LING	LING	5500	Introduction to Linguistics	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Technical introduction to linguistics, devices of language description, and methods of linguistic analysis.									
A&S	LING	LING	5500	Introduction to Linguistics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Technical introduction to linguistics, devices of language description, and methods of linguistic analysis.									
A&S	LING	LING	5510	Computers in Language Teaching I	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LING 5500 or concurrent or Linguistics major						
		COURSE DESC:		First class of the CALL Series and is the required class for all master's linguistics students. Provides background on the history of CALL, as well as current trends in the field. Students will explore a variety of theoretical and practical topics related to CALL. They will also learn to create, edit, and distribute instructional materials.									
A&S	LING	LING	5510	Computers in Language Teaching I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LING 5500 or concurrent or Linguistics major						
		COURSE DESC:		First class of the CALL Series and is the required class for all master's linguistics students. Provides background on the history of CALL, as well as current trends in the field. Students will explore a variety of theoretical and practical topics related to CALL. They will also learn to create, edit, and distribute instructional materials.									
A&S	LING	LING	5520	Computers in Language Teaching II	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LING 5510						
		COURSE DESC:		Second class expands upon the theory and materials creation of 5510. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot Potatoes, Multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									
A&S	LING	LING	5520	Computers in Language Teaching II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	LING 5510						
		COURSE DESC:		Second class expands upon the theory and materials creation of 5510. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot Potatoes, Multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	5600	Introduction to Phonetics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5600	Introduction to Phonetics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5610	Introduction to Phonology and Morphology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introductory course in analysis of sound systems of natural languages.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5610	Introduction to Phonology and Morphology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introductory course in analysis of sound systems of natural languages.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5700	Syntactic Description of English ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on the prominent structural patterns observed in various phrases and sentences in English. The approach is descriptive rather than explanatory. The students learn how to analyze syntactic patterns of English objectively and how to express them in grammatical terminology.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5701	Grammar and Syntax ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach. The approach is explanatory as well as descriptive. Students learn how to develop theoretical hypotheses to account for syntactic phenomena and how to improve the accounts by continuous testing and revision of the hypotheses.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5701	Grammar and Syntax ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach. The approach is explanatory as well as descriptive. Students learn how to develop theoretical hypotheses to account for syntactic phenomena and how to improve the accounts by continuous testing and revision of the hypotheses.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5750	Language Learning ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to theories of first and second language acquisition and their implications for language teaching methodology.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5750	Language Learning ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to theories of first and second language acquisition and their implications for language teaching methodology.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5760	Second Language Acquisition Research and Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Research and theories of second language acquisition.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5780	Introduction to Psycholinguistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of linguistic behavior and psychological mechanisms responsible for it.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5800	Methods and Materials in TEFL ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Second language teaching theory and methodology, with emphasis on teaching English as foreign language and language materials and course design.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5800	Methods and Materials in TEFL ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Second language teaching theory and methodology, with emphasis on teaching English as foreign language and language materials and course design.	LEC	LE	4	0		N	G40		0

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A&S	LING	LING	5820	Introduction to English for Specific Purposes ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course surveys the literature that has contributed to the growth of the field of English for Specific Purposes (ESP). ESP refers to the branch of language teaching and research in which English-language course content and teaching approaches are derived from an analysis of language use in a specific context. The course examines the key theories, principles, and ideas that form the basis of current approaches to ESP. Included in the course are more practical questions of needs analysis, curriculum design, materials development, and assessment.	SEM	SE	4	0		N	G40		0
A&S	LING	LING	5830	Assesing Language Abilities: Proseminar in TEFL Testing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Advanced research in special problems in testing English as a second or foreign language.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5830	Assesing Language Abilities: Proseminar in TEFL Testing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Advanced research in special problems in testing English as a second or foreign language.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5850	Historical Linguistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of genealogical and typological classification of languages, methods of historical analysis, and change in language systems.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5850	Historical Linguistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of genealogical and typological classification of languages, methods of historical analysis, and change in language systems.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5860	Semantics and Pragmatics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to semantics and pragmatics and their interface.	LEC	EL	4	0		N	G40		0
A&S	LING	LING	5860	Semantics and Pragmatics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to semantics and pragmatics and their interface.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5880	Special Topics in Applied Linguistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Critical examination of basic assumptions, approaches, and methods of particular subfields of applied linguistics.	LEC	EL	4	8		N	G40		0
A&S	LING	LING	5880	Special Topics in Applied Linguistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Critical examination of basic assumptions, approaches, and methods of particular subfields of applied linguistics.	LEC	LE	4	8		N	G40		0
A&S	LING	LING	5900	Special Topics in Linguistics ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: CR, PR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
A&S	LING	LING	5900	Special Topics in Linguistics ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: CR, PR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
A&S	LING	LING	5901	Sociolinguistics and Bilingualism ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines language varieties and their social functions with implications for educational policy and national language planning. The course introduces students to different approaches to sociolinguistic research and the application of sociolinguistic theories and research in addressing contemporary issues. The course also intruduces students to the basic aspects of bilingual education from the historical legal, sociological, linguistic, and educational perspectives.	LEC	LE	4	0		N	G40		0
A&S	LING	LING	5912	Internship in TESOL ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: Practice in ESL teaching, instructional support, and/or program administration.	INT	IN	1 to 3	6		I	G40		0
A&S	LING	LING	5920	Language Teaching Practicum ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: Supervised graduate student teaching. Required twice for all M.A.--TESOL majors and all teaching associates.	PRA	PR	2	4		N	G40		0

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A&S	LING	LING	5921	CALL Teaching Practicum	PRA	PR	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 5510									
		COURSE DESC:		Provides students with supervised opportunities to teach English online to students at Ohio University affiliated institutions, including Chubu University, Hong Kong Baptist University, Al-Baha University and others. Students will apply practices related to language teaching methods, materials design and computer assisted language learning. They will also be responsible for creating instructional materials and environments used in the practicum. Students will have opportunities to focus on general English as well as specific language skills, including writing for academic purposes, pronunciation, business English, and other foci as appropriate.									
A&S	LING	LING	5922	Practicum in Teaching Foreign Languages	PRA	PR	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Provides pedagogical support to Linguistics TAs teaching Chinese, Japanese, Swahili, Arabic, English as a Second language and other languages taught in the Linguistics department.									
A&S	LING	LING	5923	Teaching Linguistics	PRA	PR	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Provides pedagogical support to Linguistics TAs teaching Linguistics courses especially LING2700 and LING3500									
A&S	LING	LING	5940	Research Experience in Linguistics	RSC	RS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Students will have an opportunity to gain research experience by working with faculty on their research areas.									
A&S	LING	LING	6000	Studies in Linguistics	TUT	TU	1 to 4	999		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Directed individual investigation of particular area of interest in linguistics.									
A&S	LING	LING	6090	Colloquium in Linguistics	SEM	EL	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Regularly scheduled lectures on topics related to theoretical and applied linguistics.									
A&S	LING	LING	6090	Colloquium in Linguistics	SEM	SE	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Regularly scheduled lectures on topics related to theoretical and applied linguistics.									
A&S	LING	LING	6610	Phonological Structures of English	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to pedagogical issues related to the teaching of listening and speaking in ESL/EFL settings.									
A&S	LING	LING	6610	Phonological Structures of English	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to pedagogical issues related to the teaching of listening and speaking in ESL/EFL settings.									
A&S	LING	LING	6710	Grammar in use	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5701									
		COURSE DESC:		Introduction to pedagogical issues related to the teaching of English grammar in ESL/EFL settings.									
A&S	LING	LING	6710	Grammar in use	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5701									
		COURSE DESC:		Introduction to pedagogical issues related to the teaching of English grammar in ESL/EFL settings.									
A&S	LING	LING	6850	An Introduction to the Teaching of Second Language Reading and Writing	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5800									
		COURSE DESC:		Theories and applications of reading and writing research.									
A&S	LING	LING	6850	An Introduction to the Teaching of Second Language Reading and Writing	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5800									
		COURSE DESC:		Theories and applications of reading and writing research.									
A&S	LING	LING	6900	Special Topics in Linguistics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	LING	LING	6900	Special Topics in Linguistics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	LING	6950	Thesis	THE	TH	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Advanced research culminating in thesis.									
A&S	LING	SWAH	1110	Elementary Swahili I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces learners to Swahili vocabulary and grammar. These are used as the foundation for promoting the four skills of reading, writing, listening and speaking. Emphasis will be on promoting the learners' ability to express themselves, describe their daily experiences and engage in basic conversations. Although East African texts (reading passages, music and poems) will be used to promote learners' understanding and appreciation of Swahili language and culture, non East African texts in Swahili might be sparingly used to achieve certain objectives. While the main focus of the course will be on enriching the students understanding of African culture through the learning of Swahili, students are expected to relate the Swahili culture with their everyday experiences. Learners will be involved in a semester long portfolio project comprised of biographical information about their everyday activities, or activities of other people, whether actual or fictional with an intention of applying all aspects of the materials covered in class. Specific information on this will be provided in the syllabus.									
A&S	LING	SWAH	1120	Elementary Swahili II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SWAH 1110									
		COURSE DESC:		This is the second course of two-semester first-year sequence. A continuation of 1110 covering the different types of nouns in Swahili. By now, students will have covered all the noun classes and will begin to see their relevance to various aspects of Swahili grammar. It will become clear that once you know the class of noun in question, the grammar can easily be derived from a consistent pattern. Learners will also broaden their vocabulary and they will be able to engage in more complex dialogues. Although some dialogues will be tailored to accomplish grammatical ends, Also do dialogues for the sake of it in order to promote confidence in oral communication. Learners are encouraged to pay attention to the way the sample dialogues are structured and try to model their dialogues along similar lines. Learners are encouraged to test your skills to the limit without focusing too much on grammatical mistakes. The best language learners are the adventurous people who are willing to test anything they have learned, even when they do not do it correctly. In addition, listening tasks and lab work will be assigned to ensure that students are increasing their knowledge of Swahili. Some time will be set aside to do pronunciation drills to ensure that learners get their pronunciation right. To promote reading skills, the instructor will introduce some basic Swahili booklets to be used as class readers. Attempts will also be made to invite classroom guests who will speak in Swahili in order to give learners a chance to listen to accents other than their instructor's. A lot of the classroom exercises will involve conversation with a colleague. Attempts will be made to ensure that students speak with different people in each speaking task. Finally, updating of portfolio will continue. Material from new topics must be integrated into the students' portfolio in a creative way.									
A&S	LING	SWAH	2110	Intermediate Swahili	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SWAH 1120									
		COURSE DESC:		First course of two-semester intermediate-level sequence. Although this course will rely on the basic knowledge learned in the previous year, it is designed to take the learner deeper into Swahili structure and grammar as well as deepen their understanding and appreciation of Swahili culture. The reading passages will be longer, the written compositions longer, and the concepts more abstract. Promoting communicative competence is the main goal of this course. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. Students will also begin working on group or individual projects that demonstrate their understanding of East African cultural issues. Students will also be encouraged to make the connections or draw comparisons between East African and American culture. In addition, students will be expected to try to integrate their majors with what they are learning in class.									
A&S	LING	SWAH	2120	Intermediate Swahili II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SWAH 2110									
		COURSE DESC:		Continuation of 2110. Second course of two-semester intermediate-level sequence. Although this course will rely on the knowledge gained in the fall semester, it is designed to take the learner deeper into Swahili structure and grammar as well as provide a deeper understanding of Swahili and East African culture in general. The reading passages will be longer, the written compositions longer and more abstract. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. A lot of emphasis will be placed on communicative skills and comprehension of Swahili material both written and oral.									
A&S	LING	SWAH	2900	Special Topics in Swahili	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	SWAH	2900	Special Topics in Swahili	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	LING	SWAH	3110	Advanced Swahili I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: SWAH 2120 The first of a two-semester series course of advanced Swahili. Intended for students who have completed two years of Swahili or equivalent. Focuses at discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. In addition, learners are exposed to various elements of Swahili culture through authentic texts. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructors. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	SWAH	3120	Advanced Swahili 2 ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: SWAH 3110 The second of a two-semester series of advanced Swahili. Intended for students who have completed two years of Swahili or equivalent. The class focuses on discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructor. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	SWAH	3990	Special Studies in Swahili ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 3	6		N	U30		0
				GEC1: A-F REQUISITE: Permission required Intended for students who have completed Advanced Swahili and would like to expand their knowledge of a specific topic or area in the language. There might be circumstances where student who have only had two years of Swahili would be allowed to enroll in the course. Students with a previous background in Swahili are also eligible to enroll in this course. The student who wishes to enroll in this course must come up with a topic, plan, and goals. Students work on their own and only meet with the instructor once a week.									
A&S	LING	SWAH	4900	Special Topics in Swahili ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	LING	SWAH	4900	Special Topics in Swahili ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
A&S	LING	SWAH	5110	Elementary Swahili I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: CR This course introduces learners to Swahili vocabulary and grammar. These are used as the foundation for promoting the four skills of reading, writing, listening and speaking. Emphasis will be on promoting the learners' ability to express themselves, describe their daily experiences and engage in basic conversations. Although East African texts (reading passages, music and poems) will be used to promote learners' understanding and appreciation of Swahili language and culture, non East African texts in Swahili might be sparingly used to achieve certain objectives. While the main focus of the course will be on enriching the students understanding of African culture through the learning of Swahili, students are expected to relate the Swahili culture with their everyday experiences. Learners will be involved in a semester long portfolio project comprised of biographical information about their everyday activities, or activities of other people, whether actual or fictional with an intention of applying all aspects of the materials covered in class. Specific information on this will be provided in the syllabus.									
A&S	LING	SWAH	5120	Elementary Swahili II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 4	0		N	G40		0
				GEC3: A-F, REQUISITE: SWAH 5110 CR This is the second course of two-semester first-year sequence. SWAH 5110 is a prerequisite for students who wish to enroll in this course. A continuation of where we left off in the fall quarter in covering the different types of nouns in Swahili. By now, students will have covered all the noun classes and will begin to see their relevance to various aspects of Swahili grammar. It will become clear that once you know the class of noun in question, the grammar can easily be derived from a consistent pattern. Learners will also broaden their vocabulary and they will be able to engage in more complex dialogues. Although some dialogues will be tailored to accomplish grammatical ends, we will also do dialogues for the sake of it in order to promote confidence in oral communication. Learners are encouraged to pay attention to the way the sample dialogues are structured and try to model their dialogues along similar lines. Learners are encouraged to test your skills to the limit without focusing too much on grammatical mistakes. The best language learners are the adventurous people who are willing to test anything they have learned, even when they do not do it correctly. In addition, listening tasks and labwork will be assigned to ensure that students are increasing their knowledge of Swahili. Some time will be set aside to do pronunciation drills to ensure that learners get their pronunciation right. To promote reading skills, the instructor will introduce some basic Swahili booklets to be used as class readers. Attempts will also be made to invite classroom guests who will speak in Swahili in order to give learners a chance to listen to accents other than their instructor's. A lot of the classroom exercises will involve conversation with a colleague. Attempts will be made to ensure that students speak with different people in each speaking task. Finally, updating of portfolio will continue. Material from new topics must be integrated into the students' portfolio in a creative way.									

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A&S	LING	SWAH	5210	Intermediate Swahili I	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: SWAH 5120 CR, PR									
		COURSE DESC:		Study of spoken and written Swahili.									
A&S	LING	SWAH	5210	Intermediate Swahili I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: SWAH 5120 CR, PR									
		COURSE DESC:		Study of spoken and written Swahili.									
A&S	LING	SWAH	5220	Intermediate Swahili II	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SWAH 5210 CR									
		COURSE DESC:		Study of spoken and written Swahili.									
A&S	LING	SWAH	5310	Advanced Swahili I	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SWAH 5220 CR									
		COURSE DESC:		SWAH 5310 is the first of a two quarter series course of advanced Swahili. It is intended for students who have completed two years of Swahili or equivalent. The class focuses at discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. In addition learners are exposed to various elements of Swahili culture through authentic texts. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructor. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes on practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	SWAH	5320	Advanced Swahili III	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SWAH 5310 CR									
		COURSE DESC:		SWAH 5320 is the second of a two quarter series course of advanced Swahili. It is intended for students who have completed SWAH 5310 or its equivalent. The class focuses on discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. In addition learners are exposed to various elements of Swahili culture through authentic texts. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructor. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes on practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	SWAH	5900	Special Topics in Swahili	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	SWAH	5900	Special Topics in Swahili	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	SWAH	5990	Special Studies in Swahili	LEC	LE	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR									
		COURSE DESC:		SWAH 3990 is intended for students who have completed Advanced Swahili and would like to expand their knowledge of a specific topic or area in the language. There might be circumstances where student who have only had two years of Swahili would be allowed to enroll in the course. Ou students with a previous background in Swahili are also eligible to enroll in this course. The student who wishes to enroll in this course must come up with a topic, plan, and goals. Students work on their own and only meet with the instructor once a week.									
A&S	LING	T3	4830	Language, Culture and Sport	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 3 hours in (ANTH or LING or PETE or REC or SASM) and Sr only									
		COURSE DESC:		In this course, we will explore the interface of language and culture. Language is a symbolic system through which we communicate our experience of the world to others. Culture is a set of beliefs and actions through which we, in concert with others in a community of practice, enact a common understanding of our experiences of the world as they are now, as we understand them to have been in the past, and how we imagine them to be in the future. The context of culture that this course uses to illustrate the connection between language and culture is that of sport. Sport is a community of practice in which language is used to report on sporting events, express opinions, and express support for a team through chants, etc. We are interested in how language is used in the specific culture of sport and how it expresses both individual, group and national identity. By the end of this course, students will be better able to understand how culture is expressed through language.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	T3	4830	Language, Culture and Sport	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	3 hours in (ANTH or LING or PETE or REC or SASM) and Sr only						
		COURSE DESC:		In this course, we will explore the interface of language and culture. Language is a symbolic system through which we communicate our experience of the world to others. Culture is a set of beliefs and actions through which we, in concert with others in a community of practice, enact a common understanding of our experiences of the world as they are now, as we understand them to have been in the past, and how we imagine them to be in the future. The context of culture that this course uses to illustrate the connection between language and culture is that of sport. Sport is a community of practice in which language is used to report on sporting events, express opinions, and express support for a team through chants, etc. We are interested in how language is used in the specific culture of sport and how it expresses both individual, group and national identity. By the end of this course, students will be better able to understand how culture is expressed through language.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	D003	Elementary Algebra	LEC	LE	2	0	0M	N	V00		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level DV and WARNING (no credit for this course if taken after any other MATH course including developmental MATH courses) and (not ND9955 or ND9956 College Credit Plus)							
		COURSE DESC:		Developmental course for students who need preparation for Intermediate Algebra and covers review of Pre-Algebra concepts including whole numbers, integers, fractions, decimals, ratio and proportion, percentages, linear equations, exponents, simplifying and evaluating linear and quadratic polynomials, and other related topics. Warning: Does not meet any graduation requirements.									
A&S	MATH	MATH	D004	Intermediate Algebra with PreAlgebra	LEC	LE	5	0	0M	N	V00		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH Placement Level DV and WARNING: ((No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MATH course above D004) and (not ND9955 or ND9956 College Credit Plus))							
		COURSE DESC:		Developmental course in algebra for students in need of preparation for math placement level PL1. Review of arithmetic operations with whole numbers, integers, fractions, and decimal numbers. Operations and equations with rational expressions, equations of a line, introduction to functions, introduction to systems of linear equations in two and three variables, absolute-value equations and inequalities, rational exponents, operations and equations with radicals, introduction to complex numbers, quadratic equations and various application problems on these topics. Same as Math D005, but with more review of basic pre-algebra material. No credit for this course if taken after any higher level MATH course.									
A&S	MATH	MATH	D005	Intermediate Algebra	LEC	LE	4	0	0M	N	V00	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level DV and WARNING: no credit for this course if taken after any other MATH course and not ND9955 or ND9956 (not College Credit Plus)							
		COURSE DESC:		Developmental course in algebra for students in need of preparation for math placement level PL1. Operations and equations with rational expressions, equations of a line, introduction to functions, introduction to systems of linear equations in two and three variables, absolute-value equations and inequalities, rational exponents, operations and equations with radicals, introduction to complex numbers, quadratic equations and various application problems on these topics. No credit for this course if taken after D004 or any higher level MATH course.									
A&S	MATH	MATH	D300	Peer-Led Team Learning Laboratory for Pre-Calculus	LAB	LB	1	0	0M	N	V00		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	MATH 1300 concurrent							
		COURSE DESC:		Small groups of students concurrently enrolled in MATH 1300 Pre-Calculus meet in weekly workshops with a peer mentor. Together, they work on problem sets, reading, and team-based learning projects to master the material in MATH 1300 and the mathematical reasoning it requires.									
A&S	MATH	MATH	D301	Peer-Led Team Learning Laboratory for Calculus I	LAB	LB	1	0	0M	N	V00		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	MATH 2301 concurrent							
		COURSE DESC:		Small groups of students concurrently enrolled in MATH 2301 meet in weekly workshops with a peer mentor. Together, they work on problem sets, reading, and team-based learning projects to master the material in MATH 263A and the mathematical reasoning it requires.									
A&S	MATH	MATH	1060	Quantitative Reasoning	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	((C or better in MATH D004 or MATH D005) or Math Placement Level 1 or higher) and Warning: No credit if Math 1250 or higher							
		COURSE DESC:		This course develops critical thinking and problem solving skills in a variety of mathematical and quantitative contexts including real life situations. The course focuses on framing real-life problems mathematically and quantitatively and then using logical and quantitative techniques, such as linear and exponential growth modeling and statistical literacy, to make predictions and decisions and to solve these problems. Not recommended for students with majors in STEM areas. No credit if Math 1250 or any higher have been completed. Cannot be used for College of Arts and Science requirements.									
A&S	MATH	MATH	1090	Consumer Mathematics	LEC	EL	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher and WARNING: No credit for this course if taken after MATH 1250 or higher							
		COURSE DESC:		Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to arts and sciences requirements. No credit for this course if taken after MATH 1250 or higher level MATH course.									
A&S	MATH	MATH	1090	Consumer Mathematics	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher and WARNING: No credit for this course if taken after MATH 1250 or higher							
		COURSE DESC:		Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to arts and sciences requirements. No credit for this course if taken after MATH 1250 or higher level MATH course.									
A&S	MATH	MATH	1101	Elementary Topics in Mathematics I	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and (education or prim early childhood major)							
		COURSE DESC:		Elementary Topics in Mathematics I&II is a sequence for majors in elementary education and related fields. The course focuses on the development of arithmetic and number systems, including whole numbers, integers, and rational numbers. Probability and data analysis are studied as applications of rational numbers and emphasize mathematical representation and communication. Satisfies Tier I requirement for elementary education majors only. Does not apply to Arts and Sciences natural science requirements.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	1102	Elementary Topics in Mathematics II	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1101									
		COURSE DESC:		This is a continuation of MATH 1101. Elementary Topics in Mathematics I and II develop mathematical topics usually taught in grades preK-5 to a depth required for future elementary educators (and related fields) to establish professional expertise. The courses are taught through an inquiry approach that focuses on problem solving and discussion. Key themes include 1) explaining and justifying standard and nonstandard algorithms for basic arithmetic operations learned in grades preK-5; 2) students' construction and critique of their own ideas and others' ideas; and 3) using manipulatives to represent and justify algorithms. Topics include ratios and proportional reasoning, foundations of number theory, algebraic reasoning, and measurement. Properties of two-dimensional and three-dimensional geometric objects are explored. Does not apply to Arts & Sciences Natural Science requirements.									
A&S	MATH	MATH	1200	College Algebra	LEC	LE	4	0	1M	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher WARNING: No credit for this course and MATH 1321 (first course taken deducted). No credit if the student has credit for MATH 2301, 2302, or higher than 2500.									
		COURSE DESC:		Equations, functions and graphs, including linear equations and systems, polynomials, rational and radical expressions, quadratic equations, exponential and logarithmic functions, and inequalities. Students who will not need MATH 1200 for their intended majors or as a prerequisite for other classes should consider MATH 1090, MATH 1250, MATH 1260, or another Tier I quantitative skills course instead. No credit for both this course and MATH 1321 (first course taken deducted). No credit if the student has credit for MATH 2301, 2302, or higher than 2500.									
A&S	MATH	MATH	1250	Introductory Game Theory	LEC	EL	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher									
		COURSE DESC:		The course introduces mathematical models for situations of conflict, whether actual or recreational, and considers two-person, n-person, zero-sum and nonzero-sum games, Nash equilibria, cooperation and the prisoner's dilemma. Application to fields such as environmental policy, business decisions, football, evolution, warfare and poker will be analyzed. The course uses elements of algebra, geometry and probability skills, including matrix manipulation, linear and quadratic equations, graphing equations, extracting information from graphs, determining probabilities and expectation values.									
A&S	MATH	MATH	1250	Introductory Game Theory	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher									
		COURSE DESC:		The course introduces mathematical models for situations of conflict, whether actual or recreational, and considers two-person, n-person, zero-sum and nonzero-sum games, Nash equilibria, cooperation and the prisoner's dilemma. Application to fields such as environmental policy, business decisions, football, evolution, warfare and poker will be analyzed. The course uses elements of algebra, geometry and probability skills, including matrix manipulation, linear and quadratic equations, graphing equations, extracting information from graphs, determining probabilities and expectation values.									
A&S	MATH	MATH	1260	Finite Mathematics	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher									
		COURSE DESC:		A course in the use of intermediate algebraic and combinatorial techniques in the context of common business applications. Topics include systems of linear equations and matrices, linear programming, mathematics of finance (compound interest, annuities, amortization), sets, counting and elementary probability.									
A&S	MATH	MATH	1300	Pre-Calculus	LEC	EL	4	0	1M	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in MATH 1200 or MATH 1321) or math placement level 2 or higher WARNING: No credit for both this course and MATH 1322 (first course taken deducted)									
		COURSE DESC:		Course provides a rigorous treatment of graphs, inverses, and algebraic operations of polynomial, rational, exponential, logarithmic, and trigonometric functions, trigonometry and analytic geometry. The course also includes introductions to linear systems, polar coordinates, vectors, conic sections, sequences and series. Recommended only for students intending to enroll in MATH 2301 Calculus I. No credit for both this course and MATH 1322 (first course taken deducted).									
A&S	MATH	MATH	1300	Pre-Calculus	LEC	LE	4	0	1M	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in MATH 1200 or MATH 1321) or math placement level 2 or higher WARNING: No credit for both this course and MATH 1322 (first course taken deducted)									
		COURSE DESC:		Course provides a rigorous treatment of graphs, inverses, and algebraic operations of polynomial, rational, exponential, logarithmic, and trigonometric functions, trigonometry and analytic geometry. The course also includes introductions to linear systems, polar coordinates, vectors, conic sections, sequences and series. Recommended only for students intending to enroll in MATH 2301 Calculus I. No credit for both this course and MATH 1322 (first course taken deducted).									
A&S	MATH	MATH	1321	Elementary Applied Mathematics I	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher WARNING: No credit for this course and MATH 1200 (first course taken deducted)									
		COURSE DESC:		Course provides a rigorous treatment of graphs, inverses, and algebraic operations of polynomial, rational, exponential and logarithmic functions, equations and inequalities and an introduction to linear systems, sequences and series. Intended, together with MATH 1322, to prepare students for MATH 2301 Calculus I. Students cannot keep credit for both MATH 1200 and MATH 1321 (first course taken deducted). No credit if the student has credit for MATH 2301, 2302, or higher than 2500.									
A&S	MATH	MATH	1322	Elementary Applied Mathematics II	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (MATH 1200 or 1321) or Math placement level 2 or higher and WARNING: No credit for both this course and MATH 1300 (first course taken deducted)									
		COURSE DESC:		A rigorous course in trigonometry and analytic geometry including right angle trigonometry, trigonometric functions and their graphs, inverse trigonometric functions, trigonometric identities and equations and introductions to vectors, polar coordinates and conic sections. Intended to prepare students for MATH 2301 Calculus I. Students cannot earn credit for both MATH 1300 and MATH 1322 (first course taken deducted).									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	1350	Survey of Calculus	LEC	EL	4	0	2AS	N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 1321 or (C or better in 1200) or math placement level 2 or higher and WARNING: No credit for this course and MATH 2301 (MATH 1350 always deducted)							
		COURSE DESC:		Presents a survey of basic concepts of calculus. For students who want an introduction to calculus, but do not need the depth of 2301 and 2301. Note: Students cannot earn credit for both MATH 1350 and 2301 (MATH 1350 always deducted).									
A&S	MATH	MATH	1350	Survey of Calculus	LEC	LE	4	0	2AS	N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 1321 or (C or better in 1200) or math placement level 2 or higher and WARNING: No credit for this course and MATH 2301 (MATH 1350 always deducted)							
		COURSE DESC:		Presents a survey of basic concepts of calculus. For students who want an introduction to calculus, but do not need the depth of 2301 and 2301. Note: Students cannot earn credit for both MATH 1350 and 2301 (MATH 1350 always deducted).									
A&S	MATH	MATH	2110	Introductory Geometry for Middle School Teachers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1300 or 1322 or 1350 or 2301 or Math placement level 3) and middle childhood education major							
		COURSE DESC:		Intended for middle childhood education majors. Core concepts and principles of Euclidean geometry in two- and three-dimensions. Informal and formal proof. Measurement. Properties and relations of geometric shapes and structures. Symmetry. Transformational geometry. Tessellations. Congruence and similarity. Coordinate geometry. Constructions. Historical development of Euclidean and non-Euclidean geometries including contributions from diverse cultures. Dynamic Geometry Software to build and manipulate representations of two- and three- dimensional objects.									
A&S	MATH	MATH	2120X	Number and Algebra for Middle School Teachers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1300 or 1322 or 1350 or 2301 or Math placement level 3) and middle childhood education major							
		COURSE DESC:		This course develops topics usually taught in grades 4-9 to a depth required for future middle grades mathematics teachers. The course is taught through an inquiry approach that focuses on problem solving and discussion. Key topics include 1) explaining properties of the natural numbers (parity, primes, factorization, divisibility, converting to other bases, modular arithmetic); 2)explaining and justifying standard and alternative algorithms for basic arithmetic operations on whole and rational numbers learned in grades 4-9; 3) understanding different meanings of and uses for rational numbers (fractions, ratios, and proportions); and 4) explaining and using ideas of algebra (with an emphasis on graphing, solving, and modeling with linear, quadratic, and exponential functions).									
A&S	MATH	MATH	2301	Calculus I	LEC	LE	4	0	2AS	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(A in 163A) or (B or better in MATH 1350) or (C or better in 1300 or 1322) or (Math placement level 3)							
		COURSE DESC:		First course in calculus and analytic geometry with applications in the sciences and engineering. Includes basic techniques of differentiation and integration with applications including rates of change, optimization problems, and curve sketching; includes exponential, logarithmic and trigonometric functions. No credit for both MATH 2301 and 1350 (always keep 2301).									
A&S	MATH	MATH	2301	Calculus I	REC	RE	4	0	2AS	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(A in 163A) or (B or better in MATH 1350) or (C or better in 1300 or 1322) or (Math placement level 3)							
		COURSE DESC:		First course in calculus and analytic geometry with applications in the sciences and engineering. Includes basic techniques of differentiation and integration with applications including rates of change, optimization problems, and curve sketching; includes exponential, logarithmic and trigonometric functions. No credit for both MATH 2301 and 1350 (always keep 2301).									
A&S	MATH	MATH	2302	Calculus II	LEC	LE	4	0	2AS	N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH 2301 or 263B							
		COURSE DESC:		Second course in calculus and analytic geometry with applications in the sciences and engineering. Includes techniques of integration, conic sections, polar coordinates, infinite series, vectors and vector operations.									
A&S	MATH	MATH	2302	Calculus II	REC	RE	4	0	2AS	N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH 2301 or 263B							
		COURSE DESC:		Second course in calculus and analytic geometry with applications in the sciences and engineering. Includes techniques of integration, conic sections, polar coordinates, infinite series, vectors and vector operations.									
A&S	MATH	MATH	2500	Introduction to Statistics	LEC	LE	4	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1200 or 1250 or 1260 or 1321) or Math placement 2 or higher and WARNING: Not COMS 3520 or ECON 3810 or GEOG 2710 or ISE 3040 or ISE 3200 or PSY 1110 or PSY 2110 or QBA 2010							
		COURSE DESC:		An introductory course in applied statistics. Organization of data, central tendency and dispersion, descriptive bivariate data, correlation, designed experiments, probability, random variables, binomial and normal distributions, distributions, inferences from large samples, estimation, confidence intervals and hypothesis testing. Students cannot earn credit for MATH 2500 and any of the following: COMS 3520, ECON 3810, GEOG 2710, ISE 3040, ISE 3200, PSY 1110, PSY 2110, QBA 2010.									
A&S	MATH	MATH	2900	Special Topics in Mathematics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	2900	Special Topics in Mathematics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	MATH	2970T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Special course for students in the HTC math program, taken during the Fall Semester by first year students.									
A&S	MATH	MATH	2971T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Special course for students enrolled in the HTC, taken in the Fall Semester by 2nd year students.									
A&S	MATH	MATH	2980T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Special program for students enrolled in HTC, taken in the Spring Semester of the first year.									
A&S	MATH	MATH	2981T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Special program for students enrolled in HTC, taken in the Spring semester by 2nd year students.									
A&S	MATH	MATH	3000	History of Mathematics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2301									
		COURSE DESC:		Main lines of mathematical development in terms of contributions made by great mathematicians: Euclid, Archimedes, Descartes, Newton, Gauss, etc.									
A&S	MATH	MATH	3050	Discrete Mathematics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH 2301 or MATH 263B and WARNING: No credit for both this course and CS 3000 (first course taken deducted)									
		COURSE DESC:		Course in discrete mathematical structures and their applications with an introduction to methods of proofs. The main topics are introductions to logic and elementary set theory, basic number theory, induction and recursion, counting techniques, graph theory and algorithms. Applications may include discrete and network optimization, discrete probability and algorithmic efficiency. No credit for both this course and CS 3000 (first taken deducted).									
A&S	MATH	MATH	3070	Introduction to Number Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3000 or MATH 3050									
		COURSE DESC:		Investigation of properties of the natural numbers. Topics include mathematical induction, factorization, Euclidean algorithm, Diophantine equations, congruences, divisibility, multiplicative functions, and applications to cryptography.									
A&S	MATH	MATH	3110	College Geometry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and (3200 or 3210)									
		COURSE DESC:		An axiomatic approach to Euclidean geometry. A core batch of theorems of Euclidean geometry are proven, and interesting geometric problems are solved using the axioms and theorems. Additional concepts and techniques -- such as similarity, transformations, coordinate systems, vectors, matrix representations of transformations, complex numbers, and symmetry -- are introduced as ways of simplifying the proofs of theorems or the solutions of geometric problems. Hyperbolic geometry is introduced from an axiomatic standpoint, primarily to illustrate the independence of the Parallel Postulate. Computers are used to produce dynamic drawings to illustrate theorems and problems.									
A&S	MATH	MATH	3200	Applied Linear Algebra	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (MATH 163A or 263A or 1350 or 2301 or 2302) and WARNING No credit for both this course and the following (always deduct credit for first course taken): MATH 3210									
		COURSE DESC:		A course on linear algebra with an emphasis on applications and computations. Solutions to linear systems, matrices and matrix algebra, determinants, n-dimensional real vector spaces and subspaces, bases and dimension, eigenvalues and eigenvectors, diagonalization, norms, inner product spaces, orthogonality and least squares problems. No credit for both this course and MATH 3210 (first taken deducted).									
A&S	MATH	MATH	3210	Linear Algebra	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and (3050 or CS 3000) and WARNING: No credit for both this course and MATH 3200 (first course taken deducted)									
		COURSE DESC:		A course in linear algebra for students majoring or minoring in the mathematical sciences. The course will introduce both the practical and theoretical aspects of linear algebra and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Solutions to linear systems, matrices and matrix algebra, determinants, n-dimensional real vector spaces and subspaces, bases and dimension, linear mappings, matrices of linear mappings, eigenvalues and eigenvectors, diagonalization, inner product spaces, orthogonality and applications. No credit for both this course and MATH 3200 (first course taken deducted).									
A&S	MATH	MATH	3240	Abstract Algebra	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3070 and (3200 or 3210)									
		COURSE DESC:		An elementary introduction to algebraic structures. Mappings, relations, definitions, and examples of groups, groups of rotations, cyclic groups, Lagrange's Theorem, fields, polynomials over fields.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	3300	Calculus III	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302									
				Third course in calculus and analytic geometry with applications in the sciences and engineering. Includes partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus.									
A&S	MATH	MATH	3300	Calculus III	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302									
				Third course in calculus and analytic geometry with applications in the sciences and engineering. Includes partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus.									
A&S	MATH	MATH	3320	Vector Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3300									
				Vector algebra and its applications. Vector calculus and space curves. Scalar and vector fields, gradient, divergence, curl, and Laplacian. Line and surface integrals. Divergence theorem, Stoke's theorem, and Green's theorem.									
A&S	MATH	MATH	3400	Elementary Differential Equations	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302									
				Introduction to ordinary differential equations and their use as models for applications with an emphasis on exact solution methods for linear equations and systems including Laplace transform methods.									
A&S	MATH	MATH	3400	Elementary Differential Equations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302									
				Introduction to ordinary differential equations and their use as models for applications with an emphasis on exact solution methods for linear equations and systems including Laplace transform methods.									
A&S	MATH	MATH	3500	Probability	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and (MATH 3050 or CS 3000) and (MATH 2500 or COMS 3520 or GEOG 2710 or GEOL 3050 or ECON 3810 or ISE 3040 or ISE 3200 or PSY 2110 or QBA 2010) and WARNING: No credit for both this course and ISE 3210 (first course taken deducted)									
				A mathematical introduction to univariate probability theory with some applications, particularly to statistics. Topics will include the basic rules of probability, conditional probability, independent events, the Law of total probability, Bayes' Theorem, univariate random variables, discrete and continuous distributions and the density function, expectation, variance, higher moments, and special discrete and continuous distributions such as Bernoulli, binomial, Poisson, uniform, exponential, gamma and normal. No credit for both this course and ISE 3210 (first course taken deducted).									
A&S	MATH	MATH	3600	Applied Numerical Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400									
				A survey of numerical methods for engineering, science and mathematics students. Topics include: solutions of systems of linear and nonlinear equations, eigenvalues, numerical differentiation and integration, and numerical solution of ordinary and partial differential equations. The topics will be posed in a setting of problems intended for engineering students using MATLAB. The course will simultaneously introduce numerical methods, programming techniques, problem solving skills and the Matlab language, in a lecture-lab format.									
A&S	MATH	MATH	3680	Quantitative Foundations for Bioinformatics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 or EE 3713 or MATH 2500 or P BIO 3150 or (P BIO 1140 and PSY 2110)									
				Bioinformatics is the science of extracting biologically relevant information from large sets of biomolecular data. The course will introduce students to the mathematical models, statistical techniques, and algorithms on which this process is based.									
A&S	MATH	MATH	3970T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: HTC									
				CR, PR									
				Special program for students enrolled in HTC, taken in the Fall Semester by 3rd year students.									
A&S	MATH	MATH	3980T	Mathematics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: HTC									
				CR, PR									
				Special program for students enrolled in HTC, taken in the Spring Semester of the 3rd year.									
A&S	MATH	MATH	4100	Teaching of Mathematics in Secondary School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3110 and (4100L concurrent)									
				Selected topics related to teaching of mathematics in grades 7-12									
A&S	MATH	MATH	4100L	Teaching of Mathematics in Secondary School	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		Early Field Experience									
		COURSE DESC:		GEC1: A-F									
				REQUISITE: MATH 4100 concurrent									
				Early field experience for students in teaching mathematics in secondary schools.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	4150	Advanced Perspectives for Math Teachers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3110 and 3300 and (3240 concurrent)									
		COURSE DESC:		Key math content topics such as algebra, calculus, discrete mathematics, and mathematical modeling, studied throughout the AYA Math Content courses are revisited in light of their applicability to High School mathematics. Students will synthesize previous content knowledge and bring a depth of understanding of mathematics to topics and themes they will likely teach in a grades 8-12 setting. This course is intended as a final mathematics content course for AYA Mathematics majors.									
A&S	MATH	MATH	4221	Modern Algebra I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and (3200 or 3210)									
		COURSE DESC:		Groups, permutation groups, subgroups, quotient groups. Conjugate classes and class equation formula and its application to p-groups. Fundamental theorem on homomorphisms.									
A&S	MATH	MATH	4222	Modern Algebra II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4221									
		COURSE DESC:		Fundamental theorem on finite abelian groups and its consequences. Cauchy theorem and first Sylow theorem. Polynomial rings. UFD and Euclidean domains. Maximal ideals. Algebraic extensions and splitting fields. Fundamental theorem of Galois theory.									
A&S	MATH	MATH	4222	Modern Algebra II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4221									
		COURSE DESC:		Fundamental theorem on finite abelian groups and its consequences. Cauchy theorem and first Sylow theorem. Polynomial rings. UFD and Euclidean domains. Maximal ideals. Algebraic extensions and splitting fields. Fundamental theorem of Galois theory.									
A&S	MATH	MATH	4230	Introduction to Algebraic Coding Theory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3200 or 3210									
		COURSE DESC:		Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.									
A&S	MATH	MATH	4230	Introduction to Algebraic Coding Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3200 or 3210									
		COURSE DESC:		Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.									
A&S	MATH	MATH	4301	Advanced Calculus I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and (3200 or 3210)									
		COURSE DESC:		A proof-based course on functions of one variable. Topics include properties of the real and complex numbers, metric spaces and basic topology, sequences and series, a careful study of limits and continuity, differentiation and Riemann-Stieltjes integration.									
A&S	MATH	MATH	4301	Advanced Calculus I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and (3200 or 3210)									
		COURSE DESC:		A proof-based course on functions of one variable. Topics include properties of the real and complex numbers, metric spaces and basic topology, sequences and series, a careful study of limits and continuity, differentiation and Riemann-Stieltjes integration.									
A&S	MATH	MATH	4302	Advanced Calculus II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4301									
		COURSE DESC:		Sequences and series of functions, uniform convergence, power series and elementary functions, multidimensional differentiation and integration, special functions (as time permits)									
A&S	MATH	MATH	4302	Advanced Calculus II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4301									
		COURSE DESC:		Sequences and series of functions, uniform convergence, power series and elementary functions, multidimensional differentiation and integration, special functions (as time permits)									
A&S	MATH	MATH	4310	Complex Variables	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300									
		COURSE DESC:		A first course in complex variables focused on developing analytic techniques that are useful in applications. The course is also essential for further study in mathematics and students will be expected to do some proofs. Topics will include: Analytic and harmonic functions, Cauchy integration and residue theorems, contour integration, Taylor and Laurent expansions, conformality and linear fractional transformations with applications.									
A&S	MATH	MATH	4310	Complex Variables	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300									
		COURSE DESC:		A first course in complex variables focused on developing analytic techniques that are useful in applications. The course is also essential for further study in mathematics and students will be expected to do some proofs. Topics will include: Analytic and harmonic functions, Cauchy integration and residue theorems, contour integration, Taylor and Laurent expansions, conformality and linear fractional transformations with applications.									
A&S	MATH	MATH	4330	Hilbert Spaces and Applications	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (3200 or 3210)									
		COURSE DESC:		A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	4330	Hilbert Spaces and Applications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210)									
				A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.									
A&S	MATH	MATH	4400	Advanced Differential Equations	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210)									
				An introduction to the qualitative theory of differential equations, with emphasis on linear systems.									
A&S	MATH	MATH	4400	Advanced Differential Equations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210)									
				An introduction to the qualitative theory of differential equations, with emphasis on linear systems.									
A&S	MATH	MATH	4410	Fourier Analysis and Partial Differential Equations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3400									
				Representation of functions as sums of infinite series of trigonometric functions and complex exponentials,, Bessel functions, Legendre polynomials, or other sets of orthogonal functions. Use of such representations for solution of partial differential equations dealing with vibrations, heat flow, and other physical problems.									
A&S	MATH	MATH	4470	Applied Dynamical Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210)									
				A survey of applied dynamical systems for scientists, engineers and mathematicians with an emphasis on continuous time models.									
A&S	MATH	MATH	4470	Applied Dynamical Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210)									
				A survey of applied dynamical systems for scientists, engineers and mathematicians with an emphasis on continuous time models.									
A&S	MATH	MATH	4500	Theory of Statistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3500 and (3200 or 3210)									
				Probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.									
A&S	MATH	MATH	4510	Applied Statistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500									
				Applications of the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.									
A&S	MATH	MATH	4520	Stochastic Processes	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500									
				Markov chains, Poisson process, birth and death process, queuing, and related topics.									
A&S	MATH	MATH	4520	Stochastic Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500									
				Markov chains, Poisson process, birth and death process, queuing, and related topics.									
A&S	MATH	MATH	4530	Statistical Computing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500									
				Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	MATH	4530	Statistical Computing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500									
				Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	MATH	4550	Basic Principles of Actuarial Science	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500 concurrent									
				Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	MATH	4550	Basic Principles of Actuarial Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4500 concurrent									
				Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	MATH	4560	Theory of Interest and Life Contingencies	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 4550									
				Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									

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COURSE LISTING
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A&S	MATH	MATH	4560	Theory of Interest and Life Contingencies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4550									
		COURSE DESC:		Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	MATH	4580X	Elements of Financial Mathematics	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed for advanced undergraduate students and master's degree students interested in applications of mathematics in finance. The course introduces basic ideas and methods of stochastic calculus and applications of these methods to financial models, particularly to the pricing and hedging of derivative securities in continuous time models. The course will cover the following topics: introduction to financial derivatives, concepts of arbitrage and risk-neutral pricing, probability distribution, expectation, conditional expectation, Brownian motion Ito's integral, Ito's formula and its applications to financial modeling, and also the Black-Scholes option pricing model									
A&S	MATH	MATH	4600	Introduction to Numerical Analysis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100)									
		COURSE DESC:		A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	MATH	4600	Introduction to Numerical Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100)									
		COURSE DESC:		A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	MATH	4610	Introduction to Waves and Wavelets with Applications	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and (3200 or 3210) and (3600 or CS 2300 or CS 2400 or ET 2100)									
		COURSE DESC:		An elementary introduction to Fourier and wavelet analysis and its applications in engineering, such as data analysis and signal and image analysis. Focus on understanding basic mathematical concepts and methodology, developing related numerical algorithms and their implementation using computer software such as Matlab wavelet toolbox. Prior experience with computer software and computer algebra systems, such as Matlab and basic computer programming skills are required.									
A&S	MATH	MATH	4610	Introduction to Waves and Wavelets with Applications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and (3200 or 3210) and (3600 or CS 2300 or CS 2400 or ET 2100)									
		COURSE DESC:		An elementary introduction to Fourier and wavelet analysis and its applications in engineering, such as data analysis and signal and image analysis. Focus on understanding basic mathematical concepts and methodology, developing related numerical algorithms and their implementation using computer software such as Matlab wavelet toolbox. Prior experience with computer software and computer algebra systems, such as Matlab and basic computer programming skills are required.									
A&S	MATH	MATH	4620	Linear and Nonlinear Optimization	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100)									
		COURSE DESC:		Solution methods, theory and applications of linear and nonlinear optimization problems. The focus is on the mathematics of efficient optimization algorithms, such as Simplex method and steepest ascent. Applications include production planning, financial models, network problems, game theory.									
A&S	MATH	MATH	4620	Linear and Nonlinear Optimization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100)									
		COURSE DESC:		Solution methods, theory and applications of linear and nonlinear optimization problems. The focus is on the mathematics of efficient optimization algorithms, such as Simplex method and steepest ascent. Applications include production planning, financial models, network problems, game theory.									
A&S	MATH	MATH	4630	Discrete Modeling and Optimization	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300									
		COURSE DESC:		Modeling and solving real-life problems by discrete optimization techniques. The discrete models include integer programming, dynamic programming, network optimization problems. Applications in large economic systems, scheduling, voting theory, telecom and transportation networks are discussed.									
A&S	MATH	MATH	4630	Discrete Modeling and Optimization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300									
		COURSE DESC:		Modeling and solving real-life problems by discrete optimization techniques. The discrete models include integer programming, dynamic programming, network optimization problems. Applications in large economic systems, scheduling, voting theory, telecom and transportation networks are discussed.									
A&S	MATH	MATH	4700	Introduction to Topology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4301									
		COURSE DESC:		Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	MATH	4700	Introduction to Topology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4301									
		COURSE DESC:		Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	MATH	4900	Special Topics in Mathematics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	4900	Special Topics in Mathematics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	MATH	4930	Studies in Mathematics	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 6 hours in MATH 4200-4799 and (Jr or Sr) CR									
		COURSE DESC:		Independent study of selected topics in mathematics studied under guidance of instructor with expertise and interest in field. (May be repeated for credit).									
A&S	MATH	MATH	4940	Mathematics Research	RSC	RS	2	4	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MATH 3300 and (3200 or 3210) and (3050 or CS 3000) and (6 hours MATH 4200-4799) and (Jr or Sr) PR									
		COURSE DESC:		An advanced student works together with a faculty member on a research project in a topic of mathematics of interest to both the student and faculty. The student and faculty member must agree upon a research plan before the student registers for the course. The course can be taken (twice) as a Tier III equivalent. The student will be expected to write results and progress reports and present a final presentation on the project									
A&S	MATH	MATH	4970T	Mathematics Tutorial (thesis)	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special program for students enrolled in HTC, taken in the Fall Semester by 4th year students.									
A&S	MATH	MATH	4980T	Mathematics Tutorial (thesis)	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special program for students enrolled in HTC, taken in the Spring Semester by 4th year students.									
A&S	MATH	MATH	4993	Undergraduate Mathematics Seminar I	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MATH 3300 and (MATH 3200 or MATH 3210) and (MATH 3050 or CS 3000) and (Jr or Sr) PR									
		COURSE DESC:		Students participate in a weekly seminar on topics in mathematics that are beyond the material covered in our regular courses. During the first semester the student will develop a proposal for a topic of interest to be presented in the second semester.									
A&S	MATH	MATH	4994	Undergraduate Mathematics Seminar II	SEM	SE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MATH 4993 and (6 hours MATH 4200-4799) and sr only PR									
		COURSE DESC:		The student participates in a weekly seminar on topics in mathematics that are beyond the material covered in regular courses. During the first semester, the student develops a proposal for a topic of interest to be presented in the second semester. In the second semester, the study topic is presented in the weekly public seminar and a final written report is submitted to the instructor. The course can be taken with (MATH 4993) as a TIER III equivalent.									
A&S	MATH	MATH	5000	History of Mathematics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Main lines of mathematical development in terms of contributions made by great mathematicians: Euclid, Archimedes, Descartes, Newton, Gauss, etc..									
A&S	MATH	MATH	5070	Introduction to Number Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Investigation of properties of the natural numbers. Topics include mathematical induction, factorization, Euclidean algorithm, Diophantine equations, congruences, divisibility, multiplicative functions, and applications to cryptography.									
A&S	MATH	MATH	5100	Teaching of Mathematics in Secondary School	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5100L or concurrent									
		COURSE DESC:		Selected topics related to teaching of mathematics in grades 7-12									
A&S	MATH	MATH	5100L	Teaching of Mathematics in Secondary School Early Field Experience	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5100 or concurrent									
		COURSE DESC:		Early Field Experience for students in Teaching Mathematics in Secondary Schools.									
A&S	MATH	MATH	5110	College Geometry	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An axiomatic approach to Euclidean geometry. A core batch of theorems of Euclidean geometry are proven, and interesting geometric problems are solved using the axioms and theorems. Additional concepts and techniques -- such as similarity, transformations, coordinate systems, vectors, matrix representations of transformations, complex numbers, and symmetry -- are introduced as ways of simplifying the proofs of theorems or the solutions of geometric problems. Hyperbolic geometry is introduced from an axiomatic standpoint, primarily to illustrate the independence of the Parallel Postulate. Computers are used to produce dynamic drawings to illustrate theorems and problems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	5120	College Mathematics Teaching for New Teaching Assistants	LEC	LE	2	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This course prepares new mathematics teaching assistants for undergraduate-level mathematics instruction. Students will investigate the technical, pedagogical, ethical, and other professional dimensions of undergraduate mathematics instruction.									
A&S	MATH	MATH	5200	Applied Linear Algebra	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A course on linear algebra with an emphasis on applications and computations. Solutions to linear systems, matrices and matrix algebra, determinants, n-dimensional real vector spaces and subspaces, bases and dimension, eigenvalues and eigenvectors, diagonalization, norms, inner product spaces, orthogonality and least squares problems.									
A&S	MATH	MATH	5210	Linear Algebra	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A course in linear algebra for students majoring or minoring in the mathematical sciences. The course will introduce both the practical and theoretical aspects of linear algebra and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Solutions to linear systems, matrices and matrix algebra, determinants, n-dimensional real vector spaces and subspaces, bases and dimension, linear mappings, matrices of linear mappings, eigenvalues and eigenvectors, diagonalization, inner product spaces, orthogonality and applications.									
A&S	MATH	MATH	5221	Modern Algebra I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Groups, permutation groups, subgroups, quotient groups. Conjugate classes and class equation formula and its application to p-groups. Fundamental theorem on homomorphisms.									
A&S	MATH	MATH	5221	Modern Algebra I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Groups, permutation groups, subgroups, quotient groups. Conjugate classes and class equation formula and its application to p-groups. Fundamental theorem on homomorphisms.									
A&S	MATH	MATH	5222	Modern Algebra II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5221									
		COURSE DESC:		Fundamental theorem on finite abelian groups and its consequences. Cauchy theorem and first Sylow theorem. Polynomial rings. UFD and Euclidean domains. Maximal ideals. Algebraic extensions and splitting fields. Fundamental theorem of Galois theory.									
A&S	MATH	MATH	5222	Modern Algebra II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5221									
		COURSE DESC:		Fundamental theorem on finite abelian groups and its consequences. Cauchy theorem and first Sylow theorem. Polynomial rings. UFD and Euclidean domains. Maximal ideals. Algebraic extensions and splitting fields. Fundamental theorem of Galois theory.									
A&S	MATH	MATH	5230	Introduction to Algebraic Coding Theory	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.									
A&S	MATH	MATH	5230	Introduction to Algebraic Coding Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.									
A&S	MATH	MATH	5301	Advanced Calculus I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A proof-based course on functions of one variable. Topics include properties of the real and complex numbers, metric spaces and basic topology, sequences and series, a careful study of limits and continuity, differentiation and Reimann-Stieltjes integration.									
A&S	MATH	MATH	5301	Advanced Calculus I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A proof-based course on functions of one variable. Topics include properties of the real and complex numbers, metric spaces and basic topology, sequences and series, a careful study of limits and continuity, differentiation and Reimann-Stieltjes integration.									
A&S	MATH	MATH	5302	Advanced Calculus II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5301									
		COURSE DESC:		Sequences and series of functions, uniform convergence, power series and elementary functions, multidimensional differentiation and integration, special functions (as time permits)									
A&S	MATH	MATH	5302	Advanced Calculus II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5301									
		COURSE DESC:		Sequences and series of functions, uniform convergence, power series and elementary functions, multidimensional differentiation and integration, special functions (as time permits)									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	5310	Complex Variables ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A first course in complex variables focused on developing analytic techniques that are useful in applications. The course is also essential for further study in mathematics and students will be expected to do some proofs. Topics will include: Analytic and harmonic functions, Cauchy integration and residue theorems, contour integration, Taylor and Laurent expansions, conformality and linear fractional transformations with applications.	LEC	EL	3	0		N	G50		0
A&S	MATH	MATH	5310	Complex Variables ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A first course in complex variables focused on developing analytic techniques that are useful in applications. The course is also essential for further study in mathematics and students will be expected to do some proofs. Topics will include: Analytic and harmonic functions, Cauchy integration and residue theorems, contour integration, Taylor and Laurent expansions, conformality and linear fractional transformations with applications.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5320	Vector Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Vector algebra and its applications. Vector calculus and space curves. Scalar and vector fields, gradient, divergence, curl, and Laplacian. Line and surface integrals. Divergence theorem. Stoke's theorem, and Green's theorem.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5330	Hilbert Spaces and Applications ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.	LEC	EL	3	0		N	G50		0
A&S	MATH	MATH	5330	Hilbert Spaces and Applications ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5400	Advanced Differential Equations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An introduction to the qualitative theory of differential equations, with emphasis on linear systems.	LEC	EL	3	0		N	G50		0
A&S	MATH	MATH	5400	Advanced Differential Equations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An introduction to the qualitative theory of differential equations, with emphasis on linear systems.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5410	Fourier Analysis and Partial Differential Equations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Representation of functions as sums of infinite series of trigonometric functions and complex exponentials,, Bessel functions, Legendre polynomials, or other sets of orthogonal functions. Use of such representations for solution of partial differential equations dealing with vibrations, heat flow, and other physical problems.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5470	Applied Dynamical Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of applied dynamical systems for Scientists, Engineers and Mathematicians with an emphasis on continuous time models.	LEC	EL	3	0		N	G50		0
A&S	MATH	MATH	5470	Applied Dynamical Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of applied dynamical systems for Scientists, Engineers and Mathematicians with an emphasis on continuous time models.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5500	Theory of Statistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5510	Applied Statistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Applications of the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.	LEC	LE	3	0		N	G50		0
A&S	MATH	MATH	5520	Stochastic Processes ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Markov chains, Poisson process, birth and death process, queuing, and related topics.	LEC	EL	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	5520	Stochastic Processes	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500									
		COURSE DESC:		Markov chains, Poisson process, birth and death process, queuing, and related topics.									
A&S	MATH	MATH	5530	Statistical Computing	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500									
		COURSE DESC:		Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	MATH	5530	Statistical Computing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500									
		COURSE DESC:		Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	MATH	5550	Basic Principles of Actuarial Science	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500 or concurrent									
		COURSE DESC:		Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	MATH	5550	Basic Principles of Actuarial Science	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500 or concurrent									
		COURSE DESC:		Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	MATH	5560	Theory of Interest and Life Contingencies	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5550									
		COURSE DESC:		Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	MATH	5560	Theory of Interest and Life Contingencies	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5550									
		COURSE DESC:		Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	MATH	5580X	Elements of Financial Mathematics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed for advanced undergraduate students and master's degree students interested in applications of mathematics in finance. The course introduces basic ideas and methods of stochastic calculus and applications of these methods to financial models, particularly to the pricing and hedging of derivative securities in continuous time models. The course will cover the following topics: introduction to financial derivatives, concepts of arbitrage and risk-neutral pricing, probability distribution, expectation, conditional expectation, Brownian motion Ito's integral, Ito's formula and its applications to financial modeling, and also the Black-Scholes option pricing model									
A&S	MATH	MATH	5600	Introduction to Numerical Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	MATH	5600	Introduction to Numerical Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	MATH	5610	Introduction to Waves and Wavelets with Applications	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5600									
		COURSE DESC:		An elementary introduction to Fourier and wavelet analysis and its applications in engineering, such as data analysis and signal and image analysis. Focus on understanding basic mathematical concepts and methodology, developing related numerical algorithms and their implementation using computer software such as Matlab wavelet toolbox. Prior experience with computer software and computer algebra systems, such as Matlab and basic computer programming skills are required.									
A&S	MATH	MATH	5610	Introduction to Waves and Wavelets with Applications	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5600									
		COURSE DESC:		An elementary introduction to Fourier and wavelet analysis and its applications in engineering, such as data analysis and signal and image analysis. Focus on understanding basic mathematical concepts and methodology, developing related numerical algorithms and their implementation using computer software such as Matlab wavelet toolbox. Prior experience with computer software and computer algebra systems, such as Matlab and basic computer programming skills are required.									
A&S	MATH	MATH	5620	Linear and Nonlinear Optimization	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Solution methods, theory and applications of linear and nonlinear optimization problems. The focus is on the mathematics of efficient optimization algorithms, such as Simplex method and steepest ascent. Applications include production planning, financial models, network problems, game theory.									

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A&S	MATH	MATH	5620	Linear and Nonlinear Optimization	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Solution methods, theory and applications of linear and nonlinear optimization problems. The focus is on the mathematics of efficient optimization algorithms, such as Simplex method and steepest ascent. Applications include production planning, financial models, network problems, game theory.									
A&S	MATH	MATH	5630	Discrete Modeling and Optimization	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Modeling and solving real-life problems by discrete optimization techniques. The discrete models include integer programming, dynamic programming, network optimization problems. Applications in large economic systems, scheduling, voting theory, telecom and transportation networks are discussed.									
A&S	MATH	MATH	5630	Discrete Modeling and Optimization	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Modeling and solving real-life problems by discrete optimization techniques. The discrete models include integer programming, dynamic programming, network optimization problems. Applications in large economic systems, scheduling, voting theory, telecom and transportation networks are discussed.									
A&S	MATH	MATH	5680	Quantitative Foundations for Bioinformatics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Bioinformatics is the science of extracting biologically relevant information from large sets of biomolecular data. The course will introduce students to the mathematical models, statistical techniques, and algorithms on which this process is based.									
A&S	MATH	MATH	5700	Introduction to Topology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5301									
		COURSE DESC:		Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	MATH	5700	Introduction to Topology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5301									
		COURSE DESC:		Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	MATH	5900	Special Topics in Mathematics	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	MATH	MATH	5900	Special Topics in Mathematics	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	MATH	MATH	5910	Internship	INT	IN	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Internship at an employer outside the university.									
A&S	MATH	MATH	5960	Seminar	SEM	EL	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Seminar									
A&S	MATH	MATH	5960	Seminar	SEM	SE	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Seminar									
A&S	MATH	MATH	6221	Algebra I	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5222									
		COURSE DESC:		G-sets. Orbits and stabilizers. Orbit decomposition formula. Permutation groups. Alternating groups. Simple groups. Composition series. Jordan-Holder Theorem. The Sylow Theorems. Fundamental theorem of abelian groups. Solvable and nilpotent groups. Rings of power series and Laurent series. Division rings. Prime and maximal ideals in a ring (not necessarily commutative). Nil radical. Rings of quotients of domains (not necessarily commutative). Artinian and Noetherian rings and modules. Hilbert Basis Theorem. Completely reducible modules. Semi-simple Artinian rings. Free, projective, and divisible modules. Tensor product of modules and algebras. Polynomial rings. Irreducible polynomials. Quotient rings. Eisenstein Criterion. Algebraic extension. Algebraically closed fields. Splitting fields. Normal and separable extensions. Finite fields. Fixed fields. Fundamental Theorem of Galois Theory. Solvability by radicals. Constructability by ruler and compass.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	6221	Algebra I GEC1: A-F REQUISITE: MATH 5222 G-sets. Orbits and stabilizers. Orbit decomposition formula. Permutation groups. Alternating groups. Simple groups. Composition series. Jordan-Holder Theorem. The Sylow Theorems. Fundamental theorem of abelian groups. Solvable and nilpotent groups. Rings of power series and Laurent series. Division rings. Prime and maximal ideals in a ring (not necessarily commutative). Nil radical. Rings of quotients of domains (not necessarily commutative). Artinian and Noetherian rings and modules. Hilbert Basis Theorem. Completely reducible modules. Semi-simple Artinian rings. Free, projective, and divisible modules. Tensor product of modules and algebras. Polynomial rings. Irreducible polynomials. Quotient rings. Eisenstein Criterion. Algebraic extension. Algebraically closed fields. Splitting fields. Normal and separable extensions. Finite fields. Fixed fields. Fundamental Theorem of Galois Theory. Solvability by radicals. Constructability by ruler and compass.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6222	Algebra II GEC1: A-F REQUISITE: MATH 6221 Continuation of Algebra I.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6222	Algebra II GEC1: A-F REQUISITE: MATH 6221 Continuation of Algebra I.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6231	Coding Theory I GEC1: A-F REQUISITE: MATH 5230 A mathematically rigorous survey of Error-Correcting Codes with emphasis on their parameters and their algorithmic efficiency for coding and decoding. Reed Solomon Codes, Goppa Codes, Reed Muller Codes, Algebraic Geometry Codes. Coding and Decoding based on Fast Fourier Transform algorithms. This course surveys various approaches to the structure theory of convolutional codes. They are considered as vector spaces over fields of Laurent expansions, as modules over rings of polynomials and as graph codes. All necessary algebraic background beyond linear algebra is presented in the class, including concepts related to modules over principal ideal domains and ideas regarding trellises and other relevant types of graphs.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6231	Coding Theory I GEC1: A-F REQUISITE: MATH 5230 A mathematically rigorous survey of Error-Correcting Codes with emphasis on their parameters and their algorithmic efficiency for coding and decoding. Reed Solomon Codes, Goppa Codes, Reed Muller Codes, Algebraic Geometry Codes. Coding and Decoding based on Fast Fourier Transform algorithms. This course surveys various approaches to the structure theory of convolutional codes. They are considered as vector spaces over fields of Laurent expansions, as modules over rings of polynomials and as graph codes. All necessary algebraic background beyond linear algebra is presented in the class, including concepts related to modules over principal ideal domains and ideas regarding trellises and other relevant types of graphs.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6232	Coding Theory II GEC1: A-F REQUISITE: MATH 6231 This course surveys various approaches to the structure theory of convolutional codes. They are considered as vector spaces over fields of Laurent expansions, as modules over rings of polynomials and as graph codes. All necessary algebraic background beyond linear algebra is presented in the class, including concepts related to modules over principal ideal domains and ideas regarding trellises and other relevant types of graphs. The course also addresses topics on algebraic coding theory over ring alphabets.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6232	Coding Theory II GEC1: A-F REQUISITE: MATH 6231 This course surveys various approaches to the structure theory of convolutional codes. They are considered as vector spaces over fields of Laurent expansions, as modules over rings of polynomials and as graph codes. All necessary algebraic background beyond linear algebra is presented in the class, including concepts related to modules over principal ideal domains and ideas regarding trellises and other relevant types of graphs. The course also addresses topics on algebraic coding theory over ring alphabets.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6301	Analysis I GEC1: A-F REQUISITE: MATH 5302 or 5700 Abstract measure and integration, Lebesgue measure on real line; Lp-spaces; Fubini and Radon-Nikodym theorems; differentiation theory.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6301	Analysis I GEC1: A-F REQUISITE: MATH 5302 or 5700 Abstract measure and integration, Lebesgue measure on real line; Lp-spaces; Fubini and Radon-Nikodym theorems; differentiation theory.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6302	Analysis II GEC1: A-F REQUISITE: MATH 6301 Continuation of Analysis I.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6302	Analysis II GEC1: A-F REQUISITE: MATH 6301 Continuation of Analysis I.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6310	Complex Analysis GEC1: A-F REQUISITE: MATH 5302 or 5310 A graduate course in complex analysis focused on classical results for analytic and harmonic functions. Many of the techniques explained in the course, e.g. integrals along paths and the residue theorem, are useful in applications. Topics will include: Analytic and harmonic functions, Cauchy's theorem and Cauchy's integral formula, classification of singularities, and entire functions.	LEC	EL	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	6310	Complex Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A graduate course in complex analysis focused on classical results for analytic and harmonic functions. Many of the techniques explained in the course, e.g. integrals along paths and the residue theorem, are useful in applications. Topics will include: Analytic and harmonic functions, Cauchy's theorem and Cauchy's integral formula, classification of singularities, and entire functions.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6320	Functional Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An introduction to the basic results of functional analysis in the setting of Banach and Hilbert spaces. Key topics include the weak and weak* topologies, distributions, and an introduction to the Spectral Theorem. Theorems covered include the Hahn-Banach theorem, the Principle of Uniform Boundedness, the Closed Graph theorem, and the Open Mapping Theorem.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6320	Functional Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An introduction to the basic results of functional analysis in the setting of Banach and Hilbert spaces. Key topics include the weak and weak* topologies, distributions, and an introduction to the Spectral Theorem. Theorems covered include the Hahn-Banach theorem, the Principle of Uniform Boundedness, the Closed Graph theorem, and the Open Mapping Theorem.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6330	Fourier Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A graduate course in Fourier Analysis focused on classical results for Fourier series and Fourier transforms. Standard techniques explained in the course, e.g. representations of functions by Fourier series, forward and inverse Fourier transforms, are useful in applications. Topics will include: Fourier series on $[-\pi, \pi]$, Bessel inequality, convergence theorems, the Fourier transform, and the inverse Fourier transform.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6330	Fourier Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A graduate course in Fourier Analysis focused on classical results for Fourier series and Fourier transforms. Standard techniques explained in the course, e.g. representations of functions by Fourier series, forward and inverse Fourier transforms, are useful in applications. Topics will include: Fourier series on $[-\pi, \pi]$, Bessel inequality, convergence theorems, the Fourier transform, and the inverse Fourier transform.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6400	Ordinary Differential Equations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A rigorous, proof based course on ordinary differential equations and systems.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6411	Partial Differential Equations I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Classical methods in partial differential equations. First-order PDEs, Laplace's equation, the wave and heat equations, second-order elliptic, parabolic and hyperbolic equations, maximum principles.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6412	Partial Differential Equations II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Advanced functional analytic methods in partial differential equations	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6420	Calculus of Variations and Optimal Control ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A basic course in calculus of variations and optimal control of systems governed by differential equations.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6470	Dynamical Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced course in dynamical systems with an emphasis on canonical examples and mathematical theory.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6470	Dynamical Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced course in dynamical systems with an emphasis on canonical examples and mathematical theory.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6500	Mathematical Statistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Different types of convergence, consistency, sufficiency and completeness of estimators, theory of hypotheses testing, asymptotic theory.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6500	Mathematical Statistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Different types of convergence, consistency, sufficiency and completeness of estimators, theory of hypotheses testing, asymptotic theory.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6510	Linear Models ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Simple linear and multiple regression models, one-sample and one-factor analysis of variance, analysis of residuals, generalized linear models, analysis of deviance as a generalization of the analysis of variance.	LEC	EL	4	0		N	G50		0

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A&S	MATH	MATH	6510	Linear Models ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5510 COURSE DESC: Simple linear and multiple regression models, one-sample and one-factor analysis of variance, analysis of residuals, generalized linear models, analysis of deviance as a generalization of the analysis of variance.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6520	Experimental Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5510 COURSE DESC: Randomization, blocking, Latin squares, balanced incomplete block designs, factorial experiments, confounding and fractional replication, components of variance, orthogonal polynomials, response surface methods.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6520	Experimental Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5510 COURSE DESC: Randomization, blocking, Latin squares, balanced incomplete block designs, factorial experiments, confounding and fractional replication, components of variance, orthogonal polynomials, response surface methods.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6530	Time Series Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5510 and 5302 COURSE DESC: Introductory examples and models, autocorrelation, stationary processes, ARMA models, spectral analysis, nonstationary time series, state-space models, further topics and applications.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6530	Time Series Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5510 and 5302 COURSE DESC: Introductory examples and models, autocorrelation, stationary processes, ARMA models, spectral analysis, nonstationary time series, state-space models, further topics and applications.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6640	Numerical Analysis: Linear Algebra ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5600 COURSE DESC: In-depth analysis of numerical aspects of problems and algorithms in linear algebra.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6640	Numerical Analysis: Linear Algebra ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5600 COURSE DESC: In-depth analysis of numerical aspects of problems and algorithms in linear algebra.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6650	Numerical Analysis: Approximation Methods ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5600 COURSE DESC: In-depth treatment of numerical approximation techniques, including differentiation and integration.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6650	Numerical Analysis: Approximation Methods ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5600 COURSE DESC: In-depth treatment of numerical approximation techniques, including differentiation and integration.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6660	Numerical Analysis: Differential Equations ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5400 and 5600 COURSE DESC: In-depth treatment of numerical methods for ordinary differential equations; introduction to methods for partial differential equations.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6660	Numerical Analysis: Differential Equations ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5400 and 5600 COURSE DESC: In-depth treatment of numerical methods for ordinary differential equations; introduction to methods for partial differential equations.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6700	Point Set Topology ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5302 or 5700 COURSE DESC: General topological spaces, product and quotient spaces, convergence, separation, countability properties, compactness and paracompactness, connectivity, metric spaces, completion, metrization, completely regular spaces, uniform spaces.	LEC	EL	4	0		N	G50		0
A&S	MATH	MATH	6700	Point Set Topology ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 5302 or 5700 COURSE DESC: General topological spaces, product and quotient spaces, convergence, separation, countability properties, compactness and paracompactness, connectivity, metric spaces, completion, metrization, completely regular spaces, uniform spaces.	LEC	LE	4	0		N	G50		0
A&S	MATH	MATH	6710	Algebraic Topology ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 6700 COURSE DESC: The fundamental group and the van Kampen theorem, homology of complexes, exact sequences, polyhedra and CW-complexes, simplicial and singular homology and cohomology, applications to Euclidean spaces (the Jordan theorem, the Brouwer fixed point theorem, topological invariance of open sets), covering spaces, fibrations and cofibrations, higher homotopy groups, manifolds and Poincare duality, characteristic classes of vector bundles, introduction to K-theory.	LEC	EL	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	6710	Algebraic Topology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 6700									
		COURSE DESC:		The fundamental group and the van Kampen theorem, homology of complexes, exact sequences, polyhedra and CW-complexes, simplicial and singular homology and cohomology, applications to Euclidean spaces (the Jordan theorem, the Brouwer fixed point theorem, topological invariance of open sets), covering spaces, fibrations and cofibrations, higher homotopy groups, manifolds and Poincare duality, characteristic classes of vector bundles, introduction to K-theory.									
A&S	MATH	MATH	6750	Set Theory	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to axiomatic set theory; ordinals and cardinals; equivalents of axiom of choice. Introduction to combinatorial set theory.									
A&S	MATH	MATH	6750	Set Theory	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to axiomatic set theory; ordinals and cardinals; equivalents of axiom of choice. Introduction to combinatorial set theory.									
A&S	MATH	MATH	6900	Special Topics in Mathematics	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	MATH	MATH	6900	Special Topics in Mathematics	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	MATH	MATH	6930	Independent Study	IND	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Independent study of topics under guidance of faculty member. May be repeated for credit.									
A&S	MATH	MATH	6930	Independent Study	IND	IS	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Independent study of topics under guidance of faculty member. May be repeated for credit.									
A&S	MATH	MATH	6940	Project in Computational Mathematics	RSC	RS	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5600									
		COURSE DESC:		Students complete an individual project such as design, implementation, testing, or analysis of an algorithm.									
A&S	MATH	MATH	6942	Project in Mathematics Education Research	RSC	RS	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students complete an individual project such as designing and conducting a small pilot study and writing a report detailing the importance of the research question, its place in extant literature, framework and methods, results, and implications.									
A&S	MATH	MATH	6950	Thesis	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Master level Thesis. May be repeated for credit.									
A&S	MATH	MATH	7000	Topics in the Foundation and History of Mathematics	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not offered in normal course offerings. May be repeated for credit.									
A&S	MATH	MATH	7000	Topics in the Foundation and History of Mathematics	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not offered in normal course offerings. May be repeated for credit.									
A&S	MATH	MATH	7010	Topics in Number Theory	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not offered in normal course offerings. May be repeated for credit.									

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A&S	MATH	MATH	7010	Topics in Number Theory	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not offered in normal course offerings. May be repeated for credit.									
A&S	MATH	MATH	7100	Topics in the Teaching of Mathematics	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular course offerings. May be repeated for credit.									
A&S	MATH	MATH	7100	Topics in the Teaching of Mathematics	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular course offerings. May be repeated for credit.									
A&S	MATH	MATH	7150	Topics in Geometry	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7150	Topics in Geometry	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7200	Topics in Algebra	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7200	Topics in Algebra	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7300	Topics in Analysis	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7300	Topics in Analysis	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7400	Topics in Differential Equations	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7400	Topics in Differential Equations	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7500	Topics in Probability, Statistics, and Stochastic Processes	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7500	Topics in Probability, Statistics, and Stochastic Processes	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Selected topics not covered in regular offerings. May be repeated for credit.									

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A&S	MATH	MATH	7600	Topics in Applied Mathematics	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7600	Topics in Applied Mathematics	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7700	Topics in Topology	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	7700	Topics in Topology	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	MATH	8900	Special Topics in Mathematics	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	MATH	8900	Special Topics in Mathematics	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	MATH	8950	Dissertation	THE	TH	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Doctoral dissertation research. May be repeated for credit.									
A&S	MATH	MATH	8960	Seminar	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Seminar. May be repeated for credit.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MCB	MCB	6700	Current Topics in Molecular and Cellular Neurobiology GEC1: A-F REQUISITE: (BIOS 5140 or MCB 7200) and CHEM 5901 COURSE DESC: Discussions of current research directions and publications in molecular and cellular neuroscience. Sample topics include neuronal plasticity, synapse function, neural stem cells, neurogenesis, neurosteroids, receptors and channels, roles of glial cells, and neurodegeneration.	LEC	LE	3	0		N	G50		0
A&S	MCB	MCB	6900	Special Topics in Molecular and Cellular Biology GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	MCB	MCB	6900	Special Topics in Molecular and Cellular Biology GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	MCB	MCB	7100	Advances in Signal Transduction GEC1: A-F REQUISITE: CHEM 5901 and 5902 COURSE DESC: Introduction to the advanced concepts in the area of agonist-receptor mediated biochemical signalling mechanisms. The topics include principles, experimental techniques and quantitative analysis of agonist-receptor interaction, ion channels, adrenergic and cholinergic receptors, classical and low molecular weight G proteins, second messengers, oncogenes, growth factors, steroid receptors, and signal transduction in bacteria and yeast.	LEC	LE	4	0		N	G50		0
A&S	MCB	MCB	7200	Molecular Biology GEC1: A-F REQUISITE: COURSE DESC: Introduction to the basic concepts and techniques used in molecular biology. Topics include nucleic acid and chromatin structure, replication, recombination, the processes of transcription and translation and their regulation, plasmids, viruses, transposable elements, and techniques used in molecular biology.	LEC	LE	3	0		N	G50		0
A&S	MCB	MCB	7300	Molecular and Cellular Biology Laboratory GEC1: A-F REQUISITE: MCB 7200 COURSE DESC: Exposes the MCB student to a wide variety of laboratory techniques used in the broad field of molecular and cellular biology by allowing the student to carry out these techniques in the laboratory.	LAB	LB	3	0		N	G50		0
A&S	MCB	MCB	7410	Seminar in Molecular and Cellular Biology GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Involves student presentation and discussion of seminars on topics of current interest in the area of molecular and cellular biology.	SEM	SE	1	999		N	G50		0
A&S	MCB	MCB	7500	Disorders of the Nervous System GEC1: A-F REQUISITE: BIOS 5140 COURSE DESC: Provides an integrated approach to the study of the nervous system diseases, encompassing all aspects of the problem, from the underlying molecular causes to the mechanisms of action of therapeutic agents. This is a unique offering open to graduate students in the sciences to review the neuroanatomy, neurophysiology, neuropathology and neuropharmacology underlying important neurological disorders as well as the molecular and genetic mechanisms that give rise to these diseases. This team-taught multidisciplinary course utilizes the talents of faculty members from the departments of Biological Sciences, Biomedical Sciences and Neurology/Family Medicine.	LEC	LE	4	0		N	G50		0
A&S	MCB	MCB	7510	Topics in Molecular and Cellular Biology GEC3: A-F, REQUISITE: CR COURSE DESC: Designed for the presentation of significant current topics in molecular and cellular biology in response to specific student demand.	LEC	LE	1 to 3	3		N	G50		0
A&S	MCB	MCB	7600	Advanced Cell Biology GEC1: A-F REQUISITE: CHEM 5901 and MCB 7200 COURSE DESC: A discussion of current research directions in cell biology. Topics include, but are not limited to, protein transport and targeting, cell cycle, membrane transport and excitability, and cellular differentiation. Emphasis on current research directions of these topics.	LEC	LE	3	0		N	G50		0

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A&S	ML	FR	1110	Elementary French I	LEC	LE	4	0	2CP	N	U10	CCE	0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: Placement in 1110 and WARNING: No credit for this course if taken after the following: FR 1199, FR 1120, FR 2XXX, FR 3XXX, FR 4XXX								
				COURSE DESC:	Beginning course of two-semester, first-year sequence. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Basic grammatical concepts and patterns. Textbook and workbook required.								
A&S	ML	FR	1120	Elementary French II	LEC	LE	4	0	2CP	N	U10	CCE	0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: Placement in 1120 or C- or better in FR 1110 and WARNING: No credit for this course if taken after the following: FR 1199 or 2XXX or 3XXX or 4XXX								
				COURSE DESC:	Continuation of 1110. Second course of two-semester, first-year sequence. Basic grammatical concepts and patterns. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Textbook and workbook required.								
A&S	ML	FR	1199	French for Review	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: French placement level 1199 and WARNING: No credit for this course if taken after the following: any FR course taken								
				COURSE DESC:	Preparation for FR 2110 for students with some high school French. Review of grammar and vocabulary with intensive practice adapting to college-level expectations and instructional techniques. Emphasis on speaking, listening, reading, and writing. Does not satisfy language or humanities requirements in Arts and Sciences.								
A&S	ML	FR	2110	Intermediate French I	LEC	LE	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: (French placement in 2110 or 211) or C- or better in (FR 1120 or 1199) and WARNING: No credit for this course if taken after the following: FR 2120 or 3XXX or 4XXX								
				COURSE DESC:	First course of two-semester, second-year sequence. Intensive review of grammar. Supplemental cultural material.								
A&S	ML	FR	2120	Intermediate French II	LEC	LE	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: French placement in 2120 or 213 or C- or better in FR 2110 and WARNING: No credit for this course if taken after the following: FR 3XXX or 4XXX								
				COURSE DESC:	Continuation of 2110. Second course of two-semester, second-year sequence. Intensive review of grammar. Supplemental cultural material.								
A&S	ML	FR	2900	Special Topics in French	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: CR								
				COURSE DESC:	Specific course content will vary with offering.								
A&S	ML	FR	2900	Special Topics in French	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: CR								
				COURSE DESC:	Specific course content will vary with offering.								
A&S	ML	FR	2930	Independent Study in French	IND	IS	1 to 2	6		N	U30		0
				ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: FR 2120								
				COURSE DESC:	CR Reading and discussion of assigned materials (books, periodicals, films, tapes) on specific topics involving French language. Does not count toward major or minor. Does not satisfy language requirement.								
A&S	ML	FR	2970T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: HTC								
				COURSE DESC:	PR This tutorial concentrates on writing and speaking in French, and learning to use French writing tools such as French/French dictionaries, French Dictionary of Synonyms, library resources and data bases related to professions in the Modern Languages. Weekly cultural topics serve as a base for discussion and essays.								
A&S	ML	FR	2971T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: HTC								
				COURSE DESC:	PR Students will explore various topics for thesis work and prepare for study abroad. Students will also learn to write a grant proposal and apply for funding for their research.								
A&S	ML	FR	2980T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: HTC								
				COURSE DESC:	PR This tutorial is an introduction to French literature. Selections from medieval French literature through contemporary Francophone literature serve as a guideline. Students will learn characteristics of literary movements in conjunction with historical chronology.								
A&S	ML	FR	2981T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: HTC								
				COURSE DESC:	PR Student will research a topic on literature, linguistics, or culture. This tutorial works on refining writing and research skills. Topics will vary.								
A&S	ML	FR	3110	Advanced Conversation and Composition I	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: FR 2120 or French placement level 3110								
				COURSE DESC:	Speaking and writing based on readings and assigned topics. Grammar review.								

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A&S	ML	FR	3120	Advanced Conversation and Composition II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3110									
		COURSE DESC:		Continuation of 3110. Speaking and writing based on readings and assigned topics. Grammar review.									
A&S	ML	FR	3215	French for Business	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3120									
		COURSE DESC:		Profession-oriented language and culture training in French. Reading, writing, listening, and speaking skills are emphasized in a business context.									
A&S	ML	FR	3348	French Civilization and Culture I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3110									
		COURSE DESC:		Social, political, and cultural history of France from the Middle Ages to the Revolution. Readings, discussions, class reports, and short papers.									
A&S	ML	FR	3349	French Civilization and Culture II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3110									
		COURSE DESC:		Social, political, and cultural history of France from the Revolution to the present. Readings, discussions, class reports, and short papers.									
A&S	ML	FR	3540	Introduction to Reading French Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3110									
		COURSE DESC:		Designed to prepare students for advanced literature classes. Emphasis on developing literary interpretive skills through close analysis of French and/or Francophone prose, drama, and poetry.									
A&S	ML	FR	3550	Introduction to Prose	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3540									
		COURSE DESC:		Reading and discussion of French and/or Francophone novels, short stories, and other narrative genres representing various literary heritages.									
A&S	ML	FR	3560	Introduction to Drama and Poetry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3540									
		COURSE DESC:		Analysis and discussion of French and/or Francophone plays and poetry from different periods.									
A&S	ML	FR	3910	Internship in French	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major.									
A&S	ML	FR	3970T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR During this tutorial, students will make final decisions for thesis topic and begin in-depth research. Further study abroad options will be discussed. Topics will vary.									
A&S	ML	FR	3980T	French Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Students will continue research thesis topic and explore related interdisciplinary areas. Field work may be required. Topics will vary.									
A&S	ML	FR	4334	French Through Film	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3110									
		COURSE DESC:		Early development of the French cinema and its more recent filmmakers, actors, and actresses. Films are studied in their cultural and historical contexts. Students increase their French proficiency through listening, speaking, reading, and writing.									
A&S	ML	FR	4437	Applied Phonetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.									
A&S	ML	FR	4439	Modern French Usage	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 3120									
		COURSE DESC:		Study French syntax and semantics. Fine points of grammar. Practice in composition.									

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A&S	ML	FR	4441	Stylistics and Criticism	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Figures of literary style. Explication de texte. Study of French prosody. Literary theory.									
A&S	ML	FR	4502	16th-Century French Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Survey of major 16th-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	4503	17th-Century French Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Survey of major 17th-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	4504	18th-Century French Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Survey of major 18th-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	4505	19th-Century French Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Survey of major 19th-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	4506	20th- and 21st-Century French Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Survey of major 20th- and/or 21st-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	4511	Francophone Literature and Culture of Africa and the Caribbean	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Representative works by 20th- and 21st-century writers of Africa and the Caribbean. Authors studied include (but are not limited to) Malika Mokeddem, Assia Djebar, Calixthe Beyala, Ferdinand Oyono, Léopold Senghor, Aimé Césaire, Maryse Condé, Simone Schwarz-Bart. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.									
A&S	ML	FR	4512	Francophone Literature and Culture of the Americas	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Representative works by 20th- and 21st-century writers of the Americas including canonical writers from Quebec and exiled Haitian writers in Quebec, and/or writers from other French-speaking parts of the Americas. Authors studied include Anne Hébert, Roch Carrier, Michel Tremblay, Marie-Claire Blais, Dany Laferrière, Gérard Etienne, Marie-Célie Agnant. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.									
A&S	ML	FR	4513	Occupation and Resistance in French Film and Literature	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: The course will study the period of the German occupation of France during WWII (1940-1944) through literary works and films. Books and films to be studied will typically include works such as L'Armee des ombres, Effroyables jardins, or La Resistance expliquée a mes petits-enfants.									
A&S	ML	FR	4514	Early Modern Non-Fiction Prose: 16th-18th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Studies major French authors of non-fiction in the early modern era (16th-18th centuries). Non-fiction texts will be considered specifically as works of literature. Works studied will potentially include essays, philosophy, history, theology, diaries and memoirs, biographies and autobiographies, and correspondence.									
A&S	ML	FR	4515	Early Modern Poetry: 16th-18th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Studies major French poets in the early modern era (16th-18th centuries). Authors studied may include, but are not limited to, Labé, Du Bellay, Ronsard, La Fontaine, Voltaire, Chénier.									
A&S	ML	FR	4516	Prose Fiction of the 17th and 18th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Studies major French writers of narrative fiction in the 17th and 18th centuries. Authors studied might include Mme de La Fayette, Prévost, Montesquieu, Voltaire, Laclos.									
A&S	ML	FR	4517	Drama of the 17th and 18th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Examines major French dramatists and dramatic movements of the 17th and 18th centuries. Authors studied may include, but are not limited to, Corneille, Racine, Molière, Regnard, Marivaux, Beaumarchais, Sedaine, Voltaire.									

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A&S	ML	FR	4518	Prose Fiction of the 19th Century	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Examines major works and movements in 19th-century French prose fiction. Authors studied may include, but are not limited to, Chateaubriand, Constant, Stendhal, Balzac, Flaubert, Zola, Huysmans.									
A&S	ML	FR	4519	Poetry of the 19th and 20th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Examines major French poets and poetic movements of the 19th and 20th centuries. Authors studied may include, but are not limited to, Lamartine, Vigny, Hugo, Gautier, Leconte de Lisle, Baudelaire, Verlaine, Rimbaud, Mallarmé, Valéry, Apollinaire, Éluard, Breton, Ponge, Prévert.									
A&S	ML	FR	4520	Drama of the 19th and 20th Centuries	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Studies major French dramatists of the 19th and 20th centuries. Authors studied may include, but are not limited to, Hugo, Musset, Vigny, Jarry, Cocteau, Anouilh, Sartre, Camus, Ionesco and Beckett.									
A&S	ML	FR	4521	Prose Fiction of the 20th Century	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Studies major French fiction writers of the 20th century. Authors studied may include, but are not limited to, Gide, Proust, Mauriac, Sartre, Malraux, St. Exupéry, Camus, Sarraute, Butor, Robbe Grillet, and Duras.									
A&S	ML	FR	4640	Theory of Teaching French	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120									
				COURSE DESC: Provides an introduction to current theories about learning and teaching modern foreign languages, with a focus on the particularities of teaching French language and cultures and opportunities to develop a deeper knowledge of and more proficiency in French language and cultures (theories of language acquisition, cognitive psychology, and culture).									
A&S	ML	FR	4900	Special Topics	LEC	EL	3	9		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	FR	4900	Special Topics	LEC	LE	3	9		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3550 or 3560									
				COURSE DESC: Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	FR	4930	Independent Study in French	IND	EL	1 to 3	6		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: 6 Hours in FR at 3000 level									
				COURSE DESC: Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.									
A&S	ML	FR	4930	Independent Study in French	IND	IS	1 to 3	6		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: 6 Hours in FR at 3000 level									
				COURSE DESC: Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.									
A&S	ML	FR	4970T	French Tutorial	TUT	TU	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC									
				COURSE DESC: Thesis writing. Student will finalize thesis proposal and timeline. At least one chapter of the proposed thesis will be fine tuned for conference presentation. Student will finish researching the topic of the thesis and write preliminary drafts of all chapters.									
A&S	ML	FR	4980T	French Tutorial	TUT	TU	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC									
				COURSE DESC: Thesis writing. Student will finish second draft of thesis chapters and redefine order of chapters, attend an academic conference, finalize title of thesis.									
A&S	ML	FR	5110	French for Graduate Reading Requirements I	LEC	LE	1 to 4	8		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PR, F									
				COURSE DESC: Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5120	French for Graduate Reading Requirements II	LEC	LE	1 to 4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5210	French for Graduate Reading Requirements III	LEC	LE	1 to 3	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5220	French for Graduate Reading Requirements IV	LEC	LE	1 to 3	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5310	French for Graduate Reading Requirements V	LEC	LE	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5320	French for Graduate Reading Requirements VI	LEC	LE	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5360	Civilization and Culture	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5437	Applied Phonetics	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5439	Modern French Usage	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5441	Stylistics and Criticism	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5502	16th-Century French Literature	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5503	17th-Century French Literature	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	FR	5504	18th-Century French Literature	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5505	19th-Century French Literature ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Survey of major 19th-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	5506	20th- and 21st-Century French Literature ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Survey of major 20th- and/or 21st-century French writers. All readings, discussion, and papers in French.									
A&S	ML	FR	5511	Francophone Literature and Culture of Africa and the Caribbean ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC1: A-F REQUISITE: Representative works by 20th- and 21st-century writers of Africa and the Caribbean. Authors studied include (but are not limited to) Malika Mokeddem, Assia Djebar, Calixthe Beyala, Ferdinand Oyono, Léopold Senghor, Aimé Césaire, Maryse Condé, Simone Schwarz-Bart. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.									
A&S	ML	FR	5512	Francophone Literature and Culture of the Americas ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Representative works by 20th- and 21st-century writers of the Americas including canonical writers from Quebec and exiled Haitian writers in Quebec, and/or writers from other French-speaking parts of the Americas. Authors studied include (but are not limited to) Anne Hébert, Roch Carrier, Michel Tremblay, Marie-Claire Blais, Dany Laferrière, Gérard Etienne, Marie-Célie Agnant. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.									
A&S	ML	FR	5514	Early Modern Non-Fiction Prose: 16th-18th-Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Studies major French authors of non-fiction in the early modern era (16th-18th- centuries). Non-fiction texts will be considered specifically as works of literature. Works studied will potentially include essays, philosophy, history, theology, diaries and memoirs, biographies and autobiographies, and correspondence.									
A&S	ML	FR	5515	Early Modern Poetry: 16th-18th- Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Studies major French poets in the early modern era (16th-18th- centuries). Authors studied may include, but are not limited to, Labé, Du Bellay, Ronsard, La Fontaine, Voltaire, Chénier.									
A&S	ML	FR	5516	Prose Fiction of the 17th and 18th- Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Studies major French writers of narrative fiction in the 17th- and 18th- centuries. Authors studied might include Mme de La Fayette, Prévost, Montesquieu, Voltaire, Laclos.									
A&S	ML	FR	5517	Drama of the 17th and 18th Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Examines major French dramatists and dramatic movements of the 17th- and 18th- centuries. Authors studied may include, but are not limited to, Corneille, Racine, Molière, Regnard, Marivaux, Beaumarchais, Sedaine, Voltaire.									
A&S	ML	FR	5518	Prose Fiction of the 19th- Century ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Examines major works and movements in 19th-century French prose fiction. Authors studied may include, but are not limited to, Chateaubriand, Constant, Stendhal, Balzac, Flaubert, Zola, Huysmans.									
A&S	ML	FR	5519	Poetry of the 19th- and 20th- Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Examines major French poets and poetic movements of the 19th- and 20th- centuries. Authors studied may include, but are not limited to, Lamartine, Vigny, Hugo, Gautier, Leconte de Lisle, Baudelaire, Verlaine, Rimbaud, Mallarmé, Valéry, Apollinaire, Éluard, Breton, Ponge, Prévert.									
A&S	ML	FR	5520	Drama of the 19th- and 20th- Centuries ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Studies major French dramatists of the 19th- and 20th- centuries. Authors studied may include, but are not limited to, Hugo, Musset, Vigny, Jarry, Cocteau, Anouilh, Sartre, Camus, Ionesco and Beckett.									
A&S	ML	FR	5521	Prose Fiction of the 20th- Century ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: Studies major French fiction writers of the 20th- century. Authors studied may include, but are not limited to, Gide, Proust, Mauriac, Sartre, Malraux, St. Exupéry, Camus, Sarraute, Butor, Robbe Grillet, and Duras.									
A&S	ML	FR	5640	Theory of Teaching French ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC1: A-F REQUISITE: Provides an introduction to current theories about learning and teaching modern foreign languages, with a focus on the particularities of teaching French language and cultures and opportunities to develop a deeper knowledge of and more proficiency in French language and cultures (theories of language acquisition, cognitive psychology, and culture).									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5810	French for Graduates: Reading I	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	FR	5820	French for Graduates: Reading II	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	FR	5900	Special Topics	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	FR	5900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	FR	5940	Graduate Study Abroad	RSC	RS	1 to 4	24		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Research project must be approved by graduate committee. Research paper must be presented to graduate committee by end of semester following foreign study.									
A&S	ML	FR	6900	Special Topics in French	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Specific course content will vary with offering.									
A&S	ML	FR	6900	Special Topics in French	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Specific course content will vary with offering.									
A&S	ML	FR	6902	Seminar	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Advanced study of period, genre, work, author, or phenomenon in an areas of French or Francophone literature, culture, or language.									
A&S	ML	FR	6920	Praxis in Teaching College French	PRA	PR	1	4		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Designed to provide guidance for teaching associates in instructing college students in beginning language courses. Methods of presentation and difficulties in grammar and syntax discussed. Skill of making valid and fair tests developed.									
A&S	ML	FR	6930	Independent Study in French	IND	EL	1 to 4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Supervised research projects.									
A&S	ML	FR	6930	Independent Study in French	IND	IS	1 to 4	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Supervised research projects.									
A&S	ML	FR	6940	Directed Readings in French Language, Literature, and Culture	RSC	RS	1 to 12	12		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
				Supervised reading in selected areas for students preparing for comprehensive exams. Final grade is recorded when departmental comprehensive examination has been taken.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	6950	Thesis	THE	TH	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		In-depth research on a topic selected by the student in consultation with an advisor.									
A&S	ML	GER	1110	Elementary German I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: German placement level 1110 and WARNING: No credit for this course if taken after the following: GER 1120 or course in GER above 2000									
		COURSE DESC:		Introduction to pronunciation and basic grammar. Development of comprehension and speaking skills. First course in beginning sequence.									
A&S	ML	GER	1120	Elementary German II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: German placement level 1120 or C- or better in GER 1110 and WARNING: No credit for this course if taken after the following: GER about 2000									
		COURSE DESC:		Continuation of 1110. Introduction to pronunciation and basic grammar. Continued development of comprehension and speaking skills. Second course in beginning sequence.									
A&S	ML	GER	2110	Intermediate German I	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: German placement level 2110 or C- or better in GER 1120 and WARNING: No credit for this course if taken after the following: GER 2120 or course in GER above 3000									
		COURSE DESC:		Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review. First course of intermediate-level sequence.									
A&S	ML	GER	2120	Intermediate German II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: German placement level 2120 or C- or better in GER 2110 and WARNING: No credit for this course if taken after the following: GER above 3000									
		COURSE DESC:		Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review.									
A&S	ML	GER	2350	German Drama on Stage	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: GER 1110									
		COURSE DESC:		PR, F Presentation of German drama on stage. Practice and training in pronunciation and inflection of German in a public theater performance.									
A&S	ML	GER	2900	Special Topics in German	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	ML	GER	2900	Special Topics in German	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	ML	GER	2930	Independent Study in German	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: GER 2120									
		COURSE DESC:		CR Reading and discussion of assigned materials (books, periodicals, films, tapes) on specific topics involving German language. Does not count toward major or minor. Does not satisfy language requirement.									
A&S	ML	GER	3110	Advanced Conversation and Composition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 2120 or German placement level 3110									
		COURSE DESC:		Speaking and writing based on varying readings and topics. Grammar review.									
A&S	ML	GER	3120	Advanced Conversation and Composition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		Continuation of 3110. Speaking and writing based on varying readings and topics. Grammar review.									
A&S	ML	GER	3215	Business German	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Development of the student's linguistic abilities in German in a business context. Readings, videos, and discussions will focus on business terminology and practices in German-speaking countries. Written assignments include preparing a resume and a letter of application in German.									

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A&S	ML	GER	3348	German Culture and Civilization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		Historical, intellectual, and artistic aspects of German, Austrian, and Swiss culture from earliest times to present.									
A&S	ML	GER	3349	Austrian Culture and Civilization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		Historical, intellectual, and artistic aspects of Austrian culture from earliest times to present. Taught in Salzburg, Austria.									
A&S	ML	GER	3550	Introduction to German Literature I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		Study of major literary works and periods from medieval times to the 19th century.									
A&S	ML	GER	3560	Introduction to German Literature II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		Study of major literary works of the 20th and 21st centuries.									
A&S	ML	GER	3570	German through Film	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3110									
		COURSE DESC:		This course offers an introduction to German cinema from its beginnings to the present. Through discussion of key films, students gain an understanding of the historical development of German cinema and its relation to relevant historical, political, and cultural contexts and related artistic movements. Students develop their German language proficiencies through assigned readings, participation in class discussion, and completion of writing assignments, many of which entail revisions. Students acquire skills in the analysis of cinematic form. Proceeding chronologically, the course is structured around representative films, screened outside of class. Class time is devoted to lectures and class discussion.									
A&S	ML	GER	3910	Internship in German	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major.									
A&S	ML	GER	4439	Modern Ger Usage	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Selected problems in analysis and classroom presentation of German morphology and syntax.									
A&S	ML	GER	4441	Stylistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Advanced writing and stylistic analysis. Practice in a variety of nonfiction prose techniques.									
A&S	ML	GER	4450	Advanced Language Skills Application	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Analysis and application of advanced morphology and syntax concepts and structures in German.									
A&S	ML	GER	4450	Advanced Language Skills Application	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Analysis and application of advanced morphology and syntax concepts and structures in German.									
A&S	ML	GER	4529	20th-Century Austrian Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3120									
		COURSE DESC:		Intensive analysis of major author(s), literary genre, or theme.									
A&S	ML	GER	4533	German Lyric Poetry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3550 or 3560									
		COURSE DESC:		Interpretative and critical study of German lyric poetry.									
A&S	ML	GER	4900	Special Topics	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3550 or 3560									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme.									
A&S	ML	GER	4900	Special Topics	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 3550 or 3560									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme.									
A&S	ML	GER	4930	Independent Study in German	IND	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 6 Hours in GER at 3000 level									
		COURSE DESC:		CR Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.									

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A&S	ML	GER	4930	Independent Study in German	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 6 Hours in GER at 3000 level CR									
		COURSE DESC:		Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.									
A&S	ML	GER	5110	German for Graduate Reading Requirements I	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course;grading for graduates is CR/F, with the grade of CR given for work deemed to be of D- level or above. Work below that level will receive an F.									
A&S	ML	GER	5120	German for Graduate Reading Requirements II	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course;grading for graduates is CR/F, with the grade of CR given for work deemed to be of D- level or above. Work below that level will receive an F.									
A&S	ML	GER	5210	German for Graduate Reading Requirements III	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	GER	5220	German for Graduate Reading Requirements IV	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	GER	5310	German for Graduate Reading Requirements V	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	GER	5320	German for Graduate Reading Requirements VI	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	GER	5810	German for Graduates: Reading I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	GER	5820	German for Graduates: Reading II	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: GER 5810 CR									
		COURSE DESC:		Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	GER	5820	German for Graduates: Reading II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: GER 5810 CR									
		COURSE DESC:		Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	GER	5900	Special Topics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme.									
A&S	ML	GER	5900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme.									
A&S	ML	ILML	2900	Special Topics in International Literature - Modern Languages	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ILML	2900	Special Topics in International Literature - Modern Languages	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ILML	2901	Portuguese and Brazilian Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Literature of Portugal or literature of Brazil in English translation. No knowledge of Portuguese necessary.									
A&S	ML	ILML	2902	Italian Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Famous literary works of best Italian authors, presented in English. No knowledge of Italian necessary.									
A&S	ML	ILML	2903	Spanish Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Topics may deal with either Spanish or Latin American literature. No knowledge of Spanish necessary.									
A&S	ML	ILML	2904	French Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Literary works by authors of French expression, read and discussed in English. No knowledge of French necessary.									
A&S	ML	ILML	2905	German Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of masterpieces of German literature, presented in English. No knowledge of German necessary.									
A&S	ML	ILML	2906	Russian Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected literary works from Russia (or former Soviet Union) in English translation. Topic varies. No knowledge of Russian necessary.									
A&S	ML	ILML	2907	Caribbean Literature in English	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study the literature of the Caribbean in English translation. No knowledge of foreign languages required.									
A&S	ML	ITAL	1110	Elementary Italian I	LEC	LE	4	0	2CP	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for this course if taken after the followin: ITAL 1120 or ITAL 2000 or 3000 level course									
		COURSE DESC:		Beginning course of first-year sequence.									

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A&S	ML	ITAL	1120	Elementary Italian II	LEC	LE	4	0	2CP	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in ITAL 1110 and WARNING: No credit for this course if taken after the following: ITAL at 2000 or 3000 level							
		COURSE DESC:		Second course of two semester first-year sequence.									
A&S	ML	ITAL	2110	Intermediate Italian I	LEC	LE	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in ITAL 1120 and WARNING: No credit for this course if taken after the following: ITAL 2120 or course in ITAL at 3000 level							
		COURSE DESC:		First course of intermediate-level sequence.									
A&S	ML	ITAL	2120	Intermediate Italian II	LEC	LE	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in ITAL 2110 and WARNING: No credit for this course if taken after the following: ITAL course at 3000 level							
		COURSE DESC:		Second course of intermediate-level sequence.									
A&S	ML	ITAL	2900	Special Topics in Italian	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ITAL	2900	Special Topics in Italian	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ITAL	2930	Independent Study in Italian	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ITAL 2120							
		COURSE DESC:		CR Reading and discussion of assigned materials (books, periodicals, films, tapes) on specific topics involving Italian language. Does not count toward major or minor. Does not satisfy language requirement.									
A&S	ML	ITAL	3110	Advanced Conversation and Composition I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITAL 2120							
		COURSE DESC:		First course of advanced level sequence.									
A&S	ML	ITAL	3120	Advanced Conversation and Composition II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITAL 3110							
		COURSE DESC:		Second course of advanced level sequence.									
A&S	ML	ITAL	3348	Italian Civilization and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITAL 3120							
		COURSE DESC:		Study of Italian culture and civilization topics.									
A&S	ML	ITAL	3910	Internship in Italian	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required							
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major.									
A&S	ML	ITAL	4900	Special Topics in Italian	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ITAL	4900	Special Topics in Italian	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	ML	ITAL	5110	Italian for Graduate Reading Requirement I	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5120	Italian for Graduate Reading Requirement II	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5210	Italian for Graduate Reading Requirement III	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5220	Italian for Graduate Reading Requirement IV	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5310	Italian for Graduate Reading Requirement V	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5320	Italian for Graduate Reading Requirement VI	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									
A&S	ML	ITAL	5900	Special Topics in Italian	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ITAL	5900	Special Topics in Italian	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ITAL	5940	Graduate Study in Italy	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COURSE DESC:									
				Research project must be approved by director. Research paper must be presented to director by end of semester following foreign study.									
A&S	ML	ML	2300	French Gastronomy: An Introduction to the History and Development of French Gastronomy	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Part of the Food Studies curricular theme, this course introduces French gastronomy and analyzes its importance in French culture. It investigates the practice, expressions, and skills that constitute the 'Gastronomic Meal of the French', added to the Intangible Cultural Heritage of Humanity by UNESCO in 2010. Starting with the creation of the restaurant in Paris in the 19th century, we will examine the development of French gastronomy as described in the literature of the time, as well as its encoding in food texts. This course analyzes the specificity of French food and French concepts such as 'terroir'. It examines the evolution of French gastronomy, its increasing importance in French culture, and its influence worldwide. Students will also explore the underlying reasons for the changes in French gastronomy, as well as the French reactions to these changes.									

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A&S	ML	ML	2338	German Film and Culture	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of German film from the 20th century to the present. Analysis of the content, formal strategies, and the historical context of major works. All films subtitled.									
A&S	ML	ML	2400	Language Immersion through Community-Based Service Learning during Study Abroad	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 1120									
		COURSE DESC:		This course pairs students studying abroad in Merida, Mexico with a partner organization (a community group, governmental agency, or NGO) where they will use their Spanish language skills in real-life contexts while they contribute to the goals of the local community. Through regular participation in a local organization over the course of the semester, they will get to know the people, customs, and history of Merida, and develop a nuanced familiarity with key aspects of Mexican and Yucatan culture. In class, students will read and discuss current research on Mexican, and particularly Yucatan, society and history. They will apply their new knowledge both in practice with the partner organizations and in writing assignments and exams.									
A&S	ML	ML	2491	Preparation for Study Abroad: Austria	LEC	EL	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Austria. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2491	Preparation for Study Abroad: Austria	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Austria. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2492	Preparation for Study Abroad: France	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in France. Covers linguistic, cultural and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2493	Preparation for Study Abroad: Mexico	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Mexico. Covers linguistic, cultural and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2494	Preparation for Study Abroad: Spain	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Spain. Covers linguistic, and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2495	Preparation for Study Abroad: Russia	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Russia. Covers linguistic, cultural and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2496	Preparation for Study Abroad: Ecuador	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Ecuador. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2497	Preparation for Study Abroad: Italy	LEC	LE	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Prepares students to study abroad in Italy. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.									
A&S	ML	ML	2900	Special Topics in Modern Languages	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ML	2900	Special Topics in Modern Languages	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	ML	2950	Field Studies Abroad	LAB	LB	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Designed to introduce participants in various study abroad programs to various aspects of life in target country.									

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A&S	ML	ML	3210J	Writing in Two Languages ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 2120 and (Jr or Sr) COURSE DESC: Course designed for the English-speaking student with two or more years of French (or course-specific language) who would like to improve his or her English writing skills using a comparative language approach.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	ML	3270J	Translation as Writing ELIGIBLE GRADES: GEC1: A-F REQUISITE: (FR 2120 or GER 2120 or ITAL 2120 or RUS 2120 or SPAN 2120) and First Year English Composition (ENG 1510 or 1610) and (Jr or Sr) COURSE DESC: An introduction to the practice and theory of translation into English with special emphasis on translation as a form of writing/composition. Analysis and discussion of good writing and of the students' own translations and compositions.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	ML	3280J	Translation as Writing: Spanish to English ELIGIBLE GRADES: GEC1: A-F REQUISITE: SPAN 3110 and Jr COURSE DESC: Students learn to produce fluent English translations of Spanish texts, through a writing process that emphasizes continuous revision through instructor and peer critique in writing workshops and individual conferences. Students learn to evaluate their own writing with the aim of creating translations that are not only free of errors in grammar and vocabulary, but also readable, lucid, and logical. The course is structured around a series of projects; each of the first two deals with a different genre, while the third and longest is based on a text of the student's choosing. Class time is devoted to workshopping, lectures and discussions on unique problems of translating from Spanish to English, and in-class writing and analytical exercises.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	ML	4610	Technology in Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: EDCT 2030 COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	EL	3	0		N	U30		0
A&S	ML	ML	4610	Technology in Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: EDCT 2030 COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	LE	3	0		N	U30		0
A&S	ML	ML	4630	Video in Foreign Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Develops students' abilities to evaluate foreign language video materials, teach techniques for developing their own video programs, and familiarize them with methods for integrating authentic video into the foreign language curriculum.	LEC	LE	3	0		N	U30		0
A&S	ML	ML	4635	Teaching Foreign Languages in the Elementary School ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120 or GER 3120 or SPAN 3120 COURSE DESC: Readings and discussions of the cognitive development of children and second language acquisition provide the basis for practical class work. Students design units and prepare learning activities to present in class. Lab experience includes 20 hours observation and participation on the elementary school level. Required of all foreign language majors who plan to teach.	LEC	LE	3	0		N	U30		0
A&S	ML	ML	4645	Teaching of Modern Foreign Languages ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120 or GER 3120 or SPAN 3120 COURSE DESC: Study, demonstration, and use of methods and materials for effective modern foreign language instruction. Required of majors who plan to teach foreign languages.	LEC	LE	3	0		N	U30		0
A&S	ML	ML	4900	Special Topics ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Topic varies.	LEC	EL	3	6		N	U30		0
A&S	ML	ML	4900	Special Topics ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Topic varies.	LEC	LE	3	6		N	U30		0
A&S	ML	ML	5610	Technology in Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	EL	4	8		N	G40		0
A&S	ML	ML	5610	Technology in Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	LE	4	8		N	G40		0
A&S	ML	ML	5630	Video in Foreign Language Teaching ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Develops students' abilities to evaluate foreign language video materials, teach techniques for developing their own video programs, and familiarize them with methods for integrating authentic video into the foreign language curriculum.	LEC	LE	4	8		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	ML	5635	Teaching Foreign Languages in the Elementary School	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Readings and discussions of the cognitive development of children and second language acquisition provide the basis for practical class work. Students design units and prepare learning activities to present in class. Lab experience includes 20 hours observation and participation on the elementary school level. Required of all foreign language majors who plan to teach.									
A&S	ML	ML	5645	Teaching of Modern Foreign Languages	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Study, demonstration, and use of methods and materials for effective modern foreign language instruction. Required of majors who plan to teach foreign languages.									
A&S	ML	ML	5900	Special Topics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Topic varies.									
A&S	ML	ML	5900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Topic varies.									
A&S	ML	PORT	3110	Portuguese I	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3120 or equivalent level in another Romance language (FR 3120 or ITAL 3120) or Portuguese placement level 3110.							
		COURSE DESC:		Designed for intermediate or advanced speakers of Spanish (or any Romance Language), introduces the Portuguese language based on the grammatical and lexical foundations of other Latin-based languages. The course develops proficiency in speaking, oral comprehension, reading and writing through a communicative approach.									
A&S	ML	PORT	3120	Portuguese II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3110							
		COURSE DESC:		Continuation of Portuguese I. (See Portuguese I for description.)									
A&S	ML	PORT	3180	Portuguese III	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3120							
		COURSE DESC:		Beginning course of 2nd-year sequence with emphasis on oral proficiency.									
A&S	ML	PORT	3190	Portuguese IV	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3180							
		COURSE DESC:		Continuation of Portuguese III. See Portuguese III for description.									
A&S	ML	PORT	3910	Internship in Portuguese	INT	IN	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required							
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major.									
A&S	ML	PORT	4110	Intensive Portuguese	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3190							
		COURSE DESC:		First semester of the third year of the Portuguese language sequence. The focus is on culture, film and literature. This class will also continue to refine written and spoken language skills through reinforcement of advanced grammar skills.									
A&S	ML	PORT	4120	Intensive Portuguese II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 4110							
		COURSE DESC:		This course is a continuation of Intensive Portuguese I. The focus is on culture, film and literature. This class will also continue to refine written and spoken language skills through reinforcement of advanced grammar skills.									
A&S	ML	PORT	4900	Special Topics	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3190							
		COURSE DESC:		Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.									
A&S	ML	PORT	4900	Special Topics	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PORT 3190							
		COURSE DESC:		Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.									
A&S	ML	PORT	4930	Independent Study in Portuguese	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	PORT 3110							
		COURSE DESC:		CR Reading and discussion of assigned materials (books, periodicals, films) on specific topics. Does not satisfy language requirement.									

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A&S	ML	PORT	4930	Independent Study in Portuguese	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PORT 3110 CR									
		COURSE DESC:		Reading and discussion of assigned materials (books, periodicals, films) on specific topics. Does not satisfy language requirement.									
A&S	ML	PORT	5110	Portuguese I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Designed for intermediate or advanced speakers of Spanish (or any Romance Language), introduces the Portuguese language based on the grammatical and lexical foundations of other Latin-based languages. The course develops proficiency in speaking, oral comprehension, reading and writing through a communicative approach.									
A&S	ML	PORT	5120	Portuguese II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Continuation of Portuguese I. (See Portuguese I for description.)									
A&S	ML	PORT	5180	Portuguese III	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Beginning course of 2nd-year sequence with emphasis on oral proficiency.									
A&S	ML	PORT	5190	Portuguese IV	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Continuation of Portuguese III. See Portuguese III for description.									
A&S	ML	PORT	5900	Special Topics	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.									
A&S	ML	PORT	5900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.									
A&S	ML	PORT	5940	Graduate Study in Portugal or Brazil	RSC	RS	1 to 4	24		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COURSE DESC:									
				Research project must be approved by director. Research paper must be presented to director by end of semester following foreign study.									
A&S	ML	PORT	6110	Intensive Portuguese	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		First semester of the third year of the Portuguese language sequence. The focus is on culture, film and literature. This class will also continue to refine written and spoken language skills through reinforcement of advanced grammar skills.									
A&S	ML	PORT	6120	Intensive Portuguese II	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is a continuation of Intensive Portuguese I. The focus is on culture, film and literature. This class will also continue to refine written and spoken language skills through reinforcement of advanced grammar skills.									
A&S	ML	PORT	6900	Special Topics in Portuguese	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	PORT	6900	Special Topics in Portuguese	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	PORT	6930	Independent Study in Portuguese	IND	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Reading and discussion of assigned materials (books, periodicals, films) on specific topics.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	PORT	6930	Independent Study in Portuguese	IND	IS	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Reading and discussion of assigned materials (books, periodicals, films) on specific topics.									
A&S	ML	RUS	1110	Elementary Russian I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for this course if taken after the following: RUS 1120 or course in RUS above 2000									
		COURSE DESC:		Introduction to alphabet, reading, writing, and basic grammar, development of speaking and comprehension skills. Beginning course of first-year sequence.									
A&S	ML	RUS	1120	Elementary Russian II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Placement level 1120 or C- or better in RUS 1110) and WARNING: No credit for this course if taken after the following: RUS above 2000									
		COURSE DESC:		Continuation of 1110. Reading, writing, and basic grammar, further development of speaking and comprehension skills. Second course in first-year sequence.									
A&S	ML	RUS	2110	Intermediate Russian I	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Placement level 2110 or C- or better in RUS 1120) and WARNING: No credit for this course if taken after the following: RUS 2120 or course in RUS above									
		COURSE DESC:		Continued language study. Review and continuation of grammar. First course in intermediate-level sequence.									
A&S	ML	RUS	2120	Intermediate Russian II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Placement level 2120 or C- or better in RUS 2110) and WARNING: No credit for this course if taken after the following: RUS above 3000									
		COURSE DESC:		Continuation of 2110. Extensive reading, writing, listening, and oral practice. Completion of 2120 fulfills foreign language requirement of College of Arts and Sciences.									
A&S	ML	RUS	2900	Special Topics in Russian	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	RUS	2900	Special Topics in Russian	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	RUS	2930	Independent Study in Russian	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: RUS 2120									
		COURSE DESC:		Reading and discussion of assigned materials (books, periodicals, films) on specific topics involving Russian language. Does not count toward minor. Does not satisfy language requirement.									
A&S	ML	RUS	3110	Advanced Conversation and Composition I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 2120									
		COURSE DESC:		Development of conversation, reading, and writing skills. Advanced grammar.									
A&S	ML	RUS	3120	Advanced Conversation and Composition II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3110									
		COURSE DESC:		Continuation of 3110. Development of conversation, reading, and writing skills. Advanced grammar.									
A&S	ML	RUS	3348	The Cultural History of Russia I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 2120									
		COURSE DESC:		Cultural development of Russia from the 10th to the 17th centuries. Readings and lectures in Russian.									
A&S	ML	RUS	3349	The Cultural History of Russia II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 2120									
		COURSE DESC:		Continuation of 3348. Cultural movements in Russia from the 18th century to the present day. Readings and lectures in Russian.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	RUS	3550	Introduction to Russian Literature I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 2120									
		COURSE DESC:		Introduction to literary terms. 19th-century literary movements and authors. Reading and lectures in Russian.									
A&S	ML	RUS	3560	Introduction to Russian Literature II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 2120									
		COURSE DESC:		20th and 21st-century developments in Russian literature. Reading and lectures in Russian.									
A&S	ML	RUS	3910	Internship in Russian	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major.									
A&S	ML	RUS	4437	Applied Phonetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3120									
		COURSE DESC:		Systematic study of Russian pronunciation including extensive oral practice.									
A&S	ML	RUS	4439	Structure of Modern Russian	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3120									
		COURSE DESC:		Advanced grammar and syntax. Emphasis on reading and writing.									
A&S	ML	RUS	4441	Stylistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3120									
		COURSE DESC:		Advanced writing and stylistic analysis. Practice in a variety of nonfiction prose techniques.									
A&S	ML	RUS	4519	19th-Century Russian Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3550 and 3560									
		COURSE DESC:		Study of the poetry and prose written in Russia during the 19th century.									
A&S	ML	RUS	4529	Russian Literature in the Soviet Era	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3550 and 3560									
		COURSE DESC:		Selected works from 20th-century Russian literature.									
A&S	ML	RUS	4900	Special Topics	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3550 and 3560									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme. May be repeated when subject is changed.									
A&S	ML	RUS	4900	Special Topics	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RUS 3550 and 3560									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme. May be repeated when subject is changed.									
A&S	ML	RUS	4930	Independent Study in Russian	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 8 Hours in RUS at 3000 level									
		COURSE DESC:		CR Directed individual readings, discussion, and reports at the advanced level. Does not count toward minor.									
A&S	ML	RUS	4930	Independent Study in Russian	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 8 Hours in RUS at 3000 level									
		COURSE DESC:		CR Directed individual readings, discussion, and reports at the advanced level. Does not count toward minor.									
A&S	ML	RUS	5110	Russian for Graduate Reading Requirements I	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									
A&S	ML	RUS	5120	Russian for Graduate Reading Requirements II	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									

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A&S	ML	RUS	5210	Russian for Graduate Reading Requirements III	LEC	LE	1 to 3	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	RUS	5220	Russian for Graduate Reading Requirements IV	LEC	LE	1 to 3	8		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	RUS	5310	Russian for Graduate Reading Requirements V	LEC	LE	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	RUS	5320	Russian for Graduate Reading Requirements VI	LEC	LE	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	RUS	5900	Special Topics	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	RUS	5900	Special Topics	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	SPAN	1110	Elementary Spanish I	LEC	LE	4	0		N	U10		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	SPAN	1120	Elementary Spanish II	LEC	LE	4	0		N	U10		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	SPAN	1199	Spanish for Review	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
A&S	ML	SPAN	2110	Intermediate Spanish I	LEC	LE	3	0	2CP	N	U30		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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A&S	ML	SPAN	2120	Intermediate Spanish II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Spanish placement level 2120 or C- or better in SPAN 2110 and level course WARNING: No credit for this course if taken after the following: Any SPAN 3000									
		COURSE DESC:		Continuation of 2110. Culture-based approach to increased language proficiency. Students continue to develop listening, reading, speaking and writing skills as they study diverse history and customs of Spanish speakers around the world. Completion of 2120 fulfills foreign language requirement of College of Arts and Sciences.									
A&S	ML	SPAN	2900	Special Topics in Spanish	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	2900	Special Topics in Spanish	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	2930	Independent Study in Spanish	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SPAN 2120									
		COURSE DESC:		CR Reading and discussion of assigned materials (books, periodicals, films, tapes) on specific topics involving Spanish language. Does not count toward major or minor. Does not satisfy language requirement.									
A&S	ML	SPAN	2970T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR This tutorial concentrates on writing and speaking in Spanish, and learning to use Spanish writing tools such as Spanish/Spanish dictionaries, Spanish Dictionary of Synonyms, library resources and data bases related to professions in the Modern Languages. Weekly cultural topics serve as a base for discussion and essays.									
A&S	ML	SPAN	2971T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Students will explore various topics for thesis work and prepare for study abroad. Students will also learn to write a grant proposal and apply for funding for their research.									
A&S	ML	SPAN	2980T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR This tutorial is an introduction to Hispanic literature. Selections from medieval Peninsular literature through contemporary Latin American literature serve as a guideline. Students will learn characteristics of literary movements in conjunction with historical chronology.									
A&S	ML	SPAN	2981T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Student will research a topic on literature, linguistics, or culture. This tutorial works on refining writing and research skills. Topics will vary.									
A&S	ML	SPAN	3110	Advanced Conversation and Composition I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 2120 or Spanish placement level 3110									
		COURSE DESC:		Conversation and written assignments based on readings, films, music and other media. Emphasis on development of writing skills.									
A&S	ML	SPAN	3120	Advanced Conversation and Composition II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3110									
		COURSE DESC:		Conversation and written assignments based on readings, films, music and other media. Emphasis on development of speaking skills.									
A&S	ML	SPAN	3215	Business Spanish	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3110									
		COURSE DESC:		This course is designed for intermediate and advanced students of Spanish and enables them to achieve a higher level of competence in oral and written communication as well as cultural awareness. The course is suitable for business majors interested in working with Hispanic clients; international business majors; and undergraduate liberal arts majors wishing to expand their awareness of the Spanish language or seeking positions with companies doing international business.									
A&S	ML	SPAN	3300	Mexican Civilization and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 2120									
		COURSE DESC:		Study of Mexican life, language, art, and their regional variation. Offered only in Mexico.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	3310	Mayan Civilization and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 2120									
		COURSE DESC:		Examination of Mayan civilization of yesterday and today, with emphasis on its continuing presence in Yucatan. Offered only in Mexico.									
A&S	ML	SPAN	3320	Yucatecan Civilization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 2120									
		COURSE DESC:		Introduces the student studying abroad with the Ohio University program in the Yucatan to the rich and diverse culture encountered there. Two sections--one theoretical and one applied--will allow the student to begin to understand the sometimes complex issues that form the Yucatecan personality and make it very different from that of other states in Mexico. Offered only in Mexico.									
A&S	ML	SPAN	3348	Spanish Civilization and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3120 or 3215									
		COURSE DESC:		Survey of Spanish civilization and culture.									
A&S	ML	SPAN	3349	Spanish American Civilization and Culture	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3120 or 3215									
		COURSE DESC:		Survey of Spanish American civilization and culture.									
A&S	ML	SPAN	3460	Introduction to Hispanic Linguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3120 or 3215									
		COURSE DESC:		An introduction to the scientific study of the Spanish Language.									
A&S	ML	SPAN	3550	Introduction to Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3120 or 3215									
		COURSE DESC:		Selected Spanish and Spanish-American literary works of narrative, drama, poetry and essay. Historical developments and movements. Terminology for literary analysis.									
A&S	ML	SPAN	3910	Internship in Spanish	INT	IN	1 to 4	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Practice using the language in a work environment. Does not count for major. Proposals must be submitted beginning of semester prior to internship.									
A&S	ML	SPAN	3970T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR During this tutorial, students will make final decisions for thesis topic and begin in-depth research. Further study abroad options will be discussed. Topics will vary.									
A&S	ML	SPAN	3980T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Students will to continue research thesis topic and explore related interdisciplinary areas. Field work may be required. Topics will vary.									
A&S	ML	SPAN	4375	History of Art in Spain - 1500-present	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3550									
		COURSE DESC:		Survey of major artists and artistic movements in Spain from 1500 to the present; study of artistic patronage and history of Spanish museums.									
A&S	ML	SPAN	4437	Applied Phonetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460									
		COURSE DESC:		Systematic description of the sound system of Spanish.									
A&S	ML	SPAN	4438	Hispanic Dialectology and Sociolinguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460									
		COURSE DESC:		Overview of major dialects of the Hispanic world and exploration of the sources of dialectal variation, e.g. age-based, gender-related and sociocultural, among others. Readings, lectures, class presentations, and discussions.									
A&S	ML	SPAN	4439	Modern Spanish Usage	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460									
		COURSE DESC:		The grammatical structure of modern Spanish.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	4441	Stylistics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Analysis and acquisition of techniques used to create stylistic difference in written Spanish. Minimal focus on stylistics of spoken Spanish.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4457	History of the Spanish Language ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Evolution of Spanish language from pre-Romance Iberian languages to present. Consideration of contemporary dialects. Some knowledge of Latin recommended.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4513	Survey of Spanish American Literature I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Main movements of Spanish American literature from colonial period to Modernismo.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4514	Survey of Spanish American Literature II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Continuation of 4513. Main movements of Spanish American literature from Modernismo to contemporary period.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4517	Themes from Spanish American Prose ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Selected works of Spanish American prose. Content varies.	LEC	LE	3	6		N	U30		0
A&S	ML	SPAN	4518	Contemporary Spanish American Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Selected works of contemporary poetry, prose, essay and/or drama. Selection varies.	LEC	LE	3	6		N	U30		0
A&S	ML	SPAN	4555	Medieval and Golden Age Spanish Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The literature of medieval, Renaissance and baroque Spain.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4558	Don Quijote de la Mancha ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Intensive study of part one and part two of Cervantes's novel.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4560	19th-Century Spanish Literature - 1800-1898 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Romanticismo, costumbrismo, realismo and other movements in drama, essay, narrative fiction and poetry.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4565	20th-Century Spanish Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of Spanish literature of various genres from 1898 to the 1980s. The course may highlight the generations of 1898 and 1927, 20th-century poetry or theater, or the novel of the early democratic period.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4568	Film and Literature of the Franco Era ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course examines literary and cinematic products in Spain from 1939-1975 in their socio-historical context. Students explore how Spanish cinematic and literary production, both within and outside of Spain, reflected the realities of Spanish society during the Franco dictatorship. Students read plays, short stories, essays, and novels in addition to viewing various films and arrive at an understanding of the relationship between history, culture, and artistic production during these years.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4570	Contemporary Spanish Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Analysis of selected contemporary Spanish poetry, prose fiction and/or drama.	LEC	LE	3	0		N	U30		0
A&S	ML	SPAN	4640	Teaching Spanish: Theory and Methodology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second-language-acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials. Does not count toward major.	LEC	EL	3	0		N	U30		0
A&S	ML	SPAN	4640	Teaching Spanish: Theory and Methodology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second-language-acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials. Does not count toward major.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	4900	Special Topics	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3460 or 3550							
		COURSE DESC:		Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	SPAN	4900	Special Topics	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3460 or 3550							
		COURSE DESC:		Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	SPAN	4910	Internship in Mexico	INT	IN	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and prior Mexico study abroad							
		COURSE DESC:		PR, F This internship is designed to help the student who already has studied abroad in Merida with the Ohio University program, and wishes to return to Mexico to apply language skills in a professional context.									
A&S	ML	SPAN	4930	Independent Study in Spanish	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	6 Hours in SPAN at 3000 level							
		COURSE DESC:		CR Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hours required for major.									
A&S	ML	SPAN	4930	Independent Study in Spanish	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	6 Hours in SPAN at 3000 level							
		COURSE DESC:		CR Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hours required for major.									
A&S	ML	SPAN	4970T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC							
		COURSE DESC:		PR Thesis writing. Student will finalize thesis proposal and timeline. At least one chapter of the proposed thesis will be fine tuned for conference presentation. Student will finish researching the topic of the thesis and write preliminary drafts of all chapters.									
A&S	ML	SPAN	4980T	Spanish Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC							
		COURSE DESC:		PR Thesis writing. Student will finalize drafts of each chapter, put thesis in final order, submit thesis to second reader for comment. After final approval from DOS, thesis will be submitted electronically following HTC guidelines.									
A&S	ML	SPAN	5110	Spanish for Graduate Reading Requirements I	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		PR, F Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									
A&S	ML	SPAN	5120	Spanish for Graduate Reading Requirements II	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		PR, F Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									
A&S	ML	SPAN	5210	Spanish for Graduate Reading Requirements II	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		PR, F Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									
A&S	ML	SPAN	5220	Spanish for Graduate Reading Requirements IV	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:								
		COURSE DESC:		PR, F Part of a two-semester, second-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with mid-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a second-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \leq level or above. Work below that level will receive an F.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5310	Spanish for Graduate Reading Requirements V	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \geq level or above. Work below that level will receive an F.									
A&S	ML	SPAN	5320	Spanish for Graduate Reading Requirements VI	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F									
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of \geq D- \geq level or above. Work below that level will receive an F.									
A&S	ML	SPAN	5348	Spanish Civilization and Culture	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Comprehensive survey of Spanish civilization and culture including setting, historical background, regionalism, intellectual currents, and movements in arts which lead into and form modern Spain.									
A&S	ML	SPAN	5349	Spanish American Civilization and Culture	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Reading and interpretation of Spanish American philosophical, political, historical, social, and artistic thought as expressed in essay. Occasional visits of lecturers from other disciplines will provide different perspectives on same subject and thus cross-fertilization of ideas.									
A&S	ML	SPAN	5349	Spanish American Civilization and Culture	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Reading and interpretation of Spanish American philosophical, political, historical, social, and artistic thought as expressed in essay. Occasional visits of lecturers from other disciplines will provide different perspectives on same subject and thus cross-fertilization of ideas.									
A&S	ML	SPAN	5375	History of Art in Spain - 1500-present	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Survey of major artists and artistic movements in Spain from 1500 to the present; study of artistic patronage and history of Spanish museums.									
A&S	ML	SPAN	5437	Applied Phonetics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Systematic description of the sound system of Spanish.									
A&S	ML	SPAN	5438	Hispanic Dialectology and Sociolinguistics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Overview of major dialects of the Hispanic world and exploration of the sources of dialectal variation, e.g. age-based, gender-related and sociocultural, among others. Readings, lectures, class presentations, and discussions.									
A&S	ML	SPAN	5439	Modern Spanish Usage	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The grammatical structure of modern Spanish.									
A&S	ML	SPAN	5441	Stylistics	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Analysis and acquisition of techniques used to create stylistic difference in written Spanish. Minimal focus on stylistics of spoken Spanish.									
A&S	ML	SPAN	5457	History of the Spanish Language	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, CR									
		COURSE DESC:		Evolution of Spanish language from pre-Romance Iberian languages to present. Consideration of contemporary dialects. Some knowledge of Latin recommended.									
A&S	ML	SPAN	5460	Introduction to Hispanic Linguistics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		An introduction to the scientific study of the Spanish Language.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5513	Survey of Spanish American Literature I	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Main movements of Spanish American literature from colonial period to Modernismo.									
A&S	ML	SPAN	5514	Survey of Spanish American Literature II	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of 4/5513. Main movements of Spanish American literature from Modernismo to contemporary period.									
A&S	ML	SPAN	5517	Themes from Spanish American Prose	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected works of Spanish American prose. Content varies.									
A&S	ML	SPAN	5518	Contemporary Spanish American Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected works of contemporary poetry, prose, essay and/or drama. Selection varies.									
A&S	ML	SPAN	5530	Literature of Golden Age Spain	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected representative works from the drama, poetry and/or prose of 16th and 17th century Spain.									
A&S	ML	SPAN	5551	Medieval Spanish Literature	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected poetry, prose and drama from the 11th through 15th centuries.									
A&S	ML	SPAN	5551	Medieval Spanish Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Selected poetry, prose and drama from the 11th through 15th centuries.									
A&S	ML	SPAN	5558	Don Quijote de la Mancha	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intensive study of part one and part two of Cervantes's novel.									
A&S	ML	SPAN	5560	19th-Century Spanish Literature - 1800-1898	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Romanticism, costumbrismo, realismo and other movements in drama, essay, narrative fiction and poetry.									
A&S	ML	SPAN	5565	20th-Century Spanish Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of Spanish literature of various genres from 1898 to the 1980s. The course may highlight the generations of 1898 and 1927, 20th-century poetry or theater, or the novel of the early democratic period.									
A&S	ML	SPAN	5568	Film and Literature of the Franco Era	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course examines literary and cinematic products in Spain from 1939-1975 in their socio-historical context. Students explore how Spanish cinematic and literary production, both within and outside of Spain, reflected the realities of Spanish society during the Franco dictatorship. Students read plays, short stories, essays, and novels in addition to viewing various films and arrive at an understanding of the relationship between history, culture, and artistic production during these years.									
A&S	ML	SPAN	5570	Contemporary Spanish Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analysis of selected contemporary Spanish poetry, prose fiction and/or drama.									
A&S	ML	SPAN	5640	Teaching Spanish: Theory and Methodology	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second language acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5810	Spanish for Graduates: Reading I	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		5810 and 5820 are courses designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such, these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	SPAN	5820	Spanish for Graduates: Reading II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SPAN 5810									
		COURSE DESC:		5810 and 5820 are courses designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	SPAN	5900	Special Topics in Spanish	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	5900	Special Topics in Spanish	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	5940	Graduate Study in Spain or Latin America	RSC	RS	1 to 4	24		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Research project must be approved by graduate committee. Research paper must be presented to graduate committee by end of semester following foreign study.									
A&S	ML	SPAN	6900	Special Topics in Spanish	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	6900	Special Topics in Spanish	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	SPAN	6902	Seminar	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced study of period, genre, work, author, or phenomenon in one of the following areas: (a) literature of the Middle Ages, (b) Renaissance, (c) modern Spanish literature, (d) Latin American literature, (e) Spanish language. May be repeated when topic changes.									
A&S	ML	SPAN	6920	Problems in Teaching College Spanish	PRA	PR	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides guidance for teaching associates in first year of instructing college students in beginning language course.									
A&S	ML	SPAN	6930	Independent Study in Spanish	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised research projects.									
A&S	ML	SPAN	6930	Independent Study in Spanish	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised research projects.									

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A&S	ML	SPAN	6940	Directed Readings in Spanish Language, Literature, and Culture	RSC	RS	4	24		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Supervised reading in selected areas for students preparing for comprehensive exams.									
A&S	ML	SPAN	6950	Thesis	THE	TH	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Topic determined in consultation with thesis advisor. Follow guidelines in Spanish MA Handbook.									
A&S	ML	T3	4120	Cross-Cultural Studies in Modern Languages	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Wide-ranging analysis, through literary and other artistic works of social, political, economic, linguistic, aesthetic, ethical, religious issues for differing cultural perspectives, one of which will be the student's native culture. Graded activities: oral (daily participation; reports) and written (essays; term project; take-home final exam). Taught in English.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D100	Foundations in English CORE Skills	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: below 349 IBT: below 20 Placement Test: below 45 Composition Exam: 2- 10							
		COURSE DESC:		12 contact-hour core component of a full-time (20 hours/week) course in English as a second language for students at the beginning level whose ultimate aim is academic study. Core Skills class focuses on basic grammar and communication skills. Writing sometimes included. Focus is on American English for effective communication both inside and outside the classroom.									
A&S	OPIE	OPIE	D101	Foundations in English Listening/Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: below 349 IBT: below 20 Placement Test: below 45 Composition Exam: 2- 10							
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the beginning level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in basic listening and speaking for everyday communication.									
A&S	OPIE	OPIE	D102	Foundations in Reading and Writing	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: below 349 IBT: below 20 Placement Test: below 45 Composition Exam: 2- 10							
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the beginning level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading, vocabulary development, and sentence-level writing. If necessary, students will be introduced to the conventions of English language writing, including the alphabet, spelling, capitalization, and sentence-level punctuation. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students work to develop sentence-level writing skills.									
A&S	OPIE	OPIE	D200	Elementary Core Skills	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 350 min. IBT: 20 min. Placement Test: 45 min. Composition: 10 min.							
		COURSE DESC:		12 contact-hour core component of a full-time (20 hours/week) course in English as a second language for students at the elementary level whose ultimate aim is academic study. Core Skills class focuses on basic grammar and communication skills. Writing sometimes included. Focus is on American English for effective communication both inside and outside the classroom.									
A&S	OPIE	OPIE	D201	Elementary Listening/Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 350 min. IBT: 20 min. Placement Test: 45 min. Composition: 10 min.							
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the elementary level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in basic listening and speaking for everyday communication.									

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A&S	OPIE	OPIE	D202	Elementary Reading/Writing	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 350 min. IBT: 20 min. Placement Test: 45 min. Composition: 10 min.					
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the elementary level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students work to develop sentence-level writing skills and begin practice writing simple paragraphs.									
A&S	OPIE	OPIE	D300	Intermediate Core Skills	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Permission required					
		COURSE DESC:		Twelve contact-hour core component of a full-time (20 hours/week) course in English as a second language for students aiming at academic study. Students at this level do not take academic courses. Paragraph level writing competency is developed as students expand grammatical knowledge and explore the process of writing. Instruction and practice includes an introduction to the three-paragraph essay. Students begin to incorporate understanding of appropriate grammatical structures, vocabulary, and organization into the development of short essays. Common rhetorical modes are introduced and practiced. Develop editing skills.									
A&S	OPIE	OPIE	D301	Intermediate Listening/Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 400 Minimum IBT: 32 minimum Placement Test: 51 minimum Composition: 26 minimum					
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening and speaking.									
A&S	OPIE	OPIE	D302	Intermediate Reading/Vocabulary	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 400 Minimum IBT: 32 minimum Placement Test: 51 minimum Composition: 26 minimum					
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary development. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. They also study and practice activities based upon the Academic Word List. This course includes instruction and practice in using an English-only dictionary.									
A&S	OPIE	OPIE	D400	High-Intermediate Core Skills	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 425 minimum IBT: 39 minimum Placement Test: 59 minimum Composition: 30 minimum					
		COURSE DESC:		Twelve contact-hour core component of a full-time (20 hours/week) course in English as a second language for students aiming at academic study. Students at this level do not take academic courses. Paragraph level writing competency is developed as students expand grammatical knowledge and explore the process of writing. More emphasis is placed on rhetorical modes and developing editing skills. Students begin to incorporate understanding of grammatical structures, appropriate vocabulary, and organization into more formally developed essays.									
A&S	OPIE	OPIE	D401	High-Intermediate Listening/Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 425 minimum IBT: 39 minimum Placement Test: 59 minimum Composition: 30 minimum					
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the high intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening and speaking.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D402	High-Intermediate Reading/Vocabulary	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 425 minimum IBT: 39 minimum Placement Test: 59 minimum Composition: 30 minimum							
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the high-intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary development. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students also study and practice with activities based upon the Academic Word List. This course includes instruction and practice in using an English-only dictionary.									
A&S	OPIE	OPIE	D500	Advanced CORE Skills	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Permission required							
		COURSE DESC:		A 12 contact-hour CORE component of a full time (20 hours/week) course of study in English as a second language for students preparing for academic study in an American university. Incorporates understanding of grammatical structures, appropriate vocabulary, and organization into formally developed essays. More emphasis is placed on rhetorical modes and developing editing skills. Reading comprehension and lexical skill development is emphasized along with the improvement of reading rate. Learn to synthesize the various skills and strategies to which they have been exposed. Listening and speaking skill activities rely more heavily on academic task simulations and university-level expectations.									
A&S	OPIE	OPIE	D600	Pre-Academic Core Skills	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 476 minimum IBT: 54 minimum Composition: 40 minimum							
		COURSE DESC:		A 12 contact-hour CORE component of a full-time (20 hours/week) course of study in English as a second language for students preparing for academic study in an American university. Students incorporate understanding of grammatical structures, appropriate vocabulary, and organization into formally developed essays. More emphasis is placed on rhetorical modes and developing editing skills. Students increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing. Reading comprehension and lexical skill development is emphasized along with the improvement of reading rate. Students learn to synthesize the various skills and strategies to which they have been exposed. Listening and speaking skill activities rely more heavily on academic task simulations and university-level expectations.									
A&S	OPIE	OPIE	D701	Academic Listening/Note-taking/Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum							
		COURSE DESC:		This OPIE part-time level elective class aims to improve students' listening, note-taking, and speaking skills needed for successful academic work. Class time is spent on listening to academic mini-lectures, note-taking, discussions, and oral presentations.									
A&S	OPIE	OPIE	D702	Advanced Reading Skills	LEC	LE	4	24		I	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Permission required							
		COURSE DESC:		Provides students with both an understanding of the reading process and intensive practice in developing advanced-level reading strategies and skills. It is designed to improve reading comprehension, reading speed, academic vocabulary, and awareness of text structures and rhetorical patterns.									
A&S	OPIE	OPIE	D703	Pronunciation through Current Events	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum							
		COURSE DESC:		This course will focus on improving the accuracy of students' speaking abilities. Students will have the opportunity to learn and practice the individual sounds, rhythm, intonation, and stress associated with spontaneous and planned spoken English. In addition, students will study current issues through the use of news-related listening materials and class discussions. These discussions of current events will provide the primary means for student improvement by enabling students to practice speaking in a relevant and engaging context.									

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A&S	OPIE	OPIE	D704	Native Americans of the U.S.	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		This course will help students further develop all English language skills while learning about Native American history, culture, and current social and political issues. Students will gather information from a variety of sources including newspaper and magazine articles, the Internet, videotapes, guest speakers, and field trips; they will use this information in discussions, presentations, and papers.									
A&S	OPIE	OPIE	D705	Public Speaking	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		The Public Speaking Class develops speaking, listening, and presenting skills through discussion, demonstration, and extensive practice. This course is useful for both academic work and the workplace and will include both individual and team presentations.									
A&S	OPIE	OPIE	D706	Beefing Up Your Academic Vocabulary	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		This course is designed to engage students in improving their vocabulary and using it accurately and fluently for academic purposes, i.e. understanding lectures, comprehending assigned readings, participating in class discussions, and writing academic papers. The course focuses on expanding the learner's core knowledge of vocabulary from the general service and academic word lists as well as strengthening the student's ability to effectively ascertain meaning by employing a variety of vocabulary skills, e.g. determining meaning from context, analysis of word parts and word forms, developing facility in effectively using a thesaurus and collegiate English-English dictionaries.									
A&S	OPIE	OPIE	D707	Intercultural Communication	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		This course focuses on improving students' academic reading, composition, and presentation skills by introducing them to the fundamental concepts of intercultural and interpersonal communication and the problems of intercultural conflict.									
A&S	OPIE	OPIE	D708	Ecology and the Environment	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		This course will help students further develop all language skills as well as learn about local ecology and worldwide environmental issues. Students will gather information from a variety of sources including newspaper and magazine articles, the Internet, videotapes, guest speakers, and field trips; they will use this information in discussions, presentations, and papers.									
A&S	OPIE	OPIE	D709	American Culture	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
				Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum									
		COURSE DESC:		A general overview of American culture to increase awareness and understanding of the cultural values of the United States and other cultures. Provides cross-cultural activities for small group and class discussions, and topics for oral presentations, research, and writing projects. Academic English skill-building through reading, writing, listening and speaking activities, vocabulary study, paraphrasing, summarizing, research and oral reports, and group activities.									

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A&S	OPIE	OPIE	D710	Stories in the News	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		Students in this four contact-hour per week course will work to improve reading, writing, listening, and speaking skills while they study and report on current news stories and contemporary world issues.									
A&S	OPIE	OPIE	D711	U.S. Cities: A Comparison of History and Culture	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		Through instruction in the history and cultural geography of two U.S. cities, (e.g. New York City and Los Angeles), students improve their academic English language skills in grammar, reading, vocabulary development, writing, listening, and speaking. Students practice language skills through discussion, oral presentations, written assignments, journal and essay writing, and by completing reading logs. Students also learn and develop research skills by accessing and gathering information from a variety of sources.									
A&S	OPIE	OPIE	D712	Americans at Work	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		This course focuses on improving students' academic reading, composition, and presentation skills by introducing them to work as a cultural phenomenon, to the history of work in the U.S., and to American cultural values and beliefs about work.									
A&S	OPIE	OPIE	D713	English through Music	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		This course is one component of either full-time or part-time study of English as a second language for students whose ultimate aim is full-time academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening/speaking and reading while exploring American musical genres and American culture.									
A&S	OPIE	OPIE	D714	Adventures in Mythology	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		Students in this course will work on improving their academic reading, vocabulary development, writing, listening, and speaking skills through the study of mythology and its role in cultural construction.									
A&S	OPIE	OPIE	D715	Oral Communication in University Classes	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC		REQUISITE:		Course is developmental PERMISSION REQUIRED Paper TOEFL: 451 minimum IBT: 46 minimum Composition: 36 minimum					
		COURSE DESC:		The goal of this course is to improve students' oral communication skills in English for success in the U.S. academic community. Students explore aspects of language, the U.S. academic culture, and strategies for effective discussion and presentation. Students will have the opportunity to learn and practice the individual sounds, rhythm, intonation, and stress associated with spontaneous and planned spoken English. Students learn about the expectations for oral communication, including group discussion, teamwork and formal presentations in the context of the American university classroom. Students learn about and practice appropriate ways to agree, disagree, interrupt, critique, offer alternative perspectives or suggestions and facilitate both group discussions and team decision-making.									

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A&S	OPIE	OPIE	D802	Reading for Academic Purposes	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	Reading for Academic Purposes is an academic reading course for English as a Second Language students who are also permitted to take one academic course. Using authentic material, this course provides students with both an understanding of the reading process and practice in developing academic reading strategies and skills. The course is designed to improve reading comprehension, academic vocabulary, and awareness of text structures and rhetorical patterns.										
A&S	OPIE	OPIE	D803	Advanced Grammar	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	Through this OPIE part-time level elective class, students will increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing.										
A&S	OPIE	OPIE	D804	Grammar for Writing	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	Through this OPIE part-time level elective class, students will increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing.										
A&S	OPIE	OPIE	D805	Composition	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	Through this OPIE part-time level elective class, students will increase their ability to write about familiar or prepared topics (up to three typed pages) with some precision and sufficient support. They will increase their ability to synthesize, summarize, and paraphrase information from articles and academic texts. Students will perform various academic writing tasks such as writing persuasive essays and integrating paraphrased or summarized sources into a text. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing.										
A&S	OPIE	OPIE	D806	Techniques for Gathering and Evaluating Research Information and for Research Writing	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	This OPIE bridge-level elective class on Information Gathering (Techniques for Gathering and Evaluating Research Information) and Writing aims at providing international students with basic and, in some cases, advanced level information gathering and evaluating skills while at the same time improving their English language ability, particularly in the areas of reading, listening/speaking, and classroom interaction skills. Students will incorporate source material into their academic writing and will practice citing their sources.										
A&S	OPIE	OPIE	D807	Academic English Test Taking Strategies	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:	Academic English Test Taking Strategies is a part-time level integrated course in English as a Second Language for students who are also permitted to take one or two academic courses simultaneously. Four hours of classroom instruction (one hour a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic test-taking strategies for successful academic performance. Language skills are integrated and will include reading, listening, speaking, writing and grammar. Test-taking practice and strategy development will focus on open and closed-book exams, timed objective exams (including standardized tests), as well as both short-answer and full-essay exam formats.										

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D808	Issues Through Film	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:		Students in this part-time level five session per week course (ordinarily four contact hours plus two hours viewing the assigned film) will work to improve speaking, reading, and writing as well as listening skills through a study of some of the traditional themes of USA cinema, and of movies that exemplify those themes.									
A&S	OPIE	OPIE	D809	Reading and Writing about Literature	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Permission required or TOEFL: 500 and Comp:4							
		COURSE DESC:		Through this OPIE Bridge -level elective class, students will read classic and/or contemporary authentic works of fiction or non-fiction. They will analyze and discuss the books, use various strategies to improve their comprehension and vocabulary, learn about the socio-cultural contexts in which the books are set, and write several papers, both academic and creative, on the content and themes of the books. The books may vary from semester to semester. While particular topics and contexts will be examined depending on the books used, the books will serve as a basis to discuss cross- cultural themes and topics as well.									
A&S	OPIE	OPIE	D810	Exploring American Culture	LEC	LE	3 to 4	12		I	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Permission required							
		COURSE DESC:		In this course, students read extended academic reading passages about selected traditional American mainstream values (individual freedom, self-reliance, equality of opportunity, competition, material wealth and hard work), including their development and influence on various aspects of American life. They analyze and discuss the texts, applying reading strategies to improve their comprehension. Students further expand their knowledge of the course content through a variety of activities, including guided observation tasks, speaking with Americans, in-class discussion, small-group projects, and watching movies.									
A&S	OPIE	OPIE	D900	Special Studies in American English: Language and Culture	TUT	TU	1 to 15	90		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED							
		COURSE DESC:		Individual or small group independent or tutorial study classes set up to meet the needs of students unable to participate in standard classes. Content and objectives taken from standard classes but adapted to the individual or small group independent or tutorial method of delivery.									
A&S	OPIE	OPIE	D960	Academic Combined Skills 1	LEC	LE	8	48		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	This is a developmental course PERMISSION REQUIRED or Paper TOEFL: 500 minimum IBT: 62 minimum Composition Exam: 45 minimum							
		COURSE DESC:		Academic Combined Skills 1 is a bridge level integrated course in English as a Second Language for students who are also permitted to take one academic course. Eight hours of classroom instruction (two hours a day, four days a week) focus on the development of academic English language skills including reading and writing, study skills, and academic performance skills needed for success in an academic program in the U.S. Students will increase their ability to paraphrase, summarize, and synthesize information from articles and academic texts. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing and to edit their written work. Listening and speaking will also be addressed.									
A&S	OPIE	OPIE	D970	Academic Combined Skills 2	LEC	LE	8	48		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Permission required							
		COURSE DESC:		Academic Combined Skills 2 is a bridge level integrated course in English as a Second Language for students who are also permitted to take one or two academic courses simultaneously. Eight hours of classroom instruction (two hours a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic reading and writing skills, as well as academic performance and study skills. Students will increase their ability to paraphrase, summarize, and synthesize information from articles and academic texts and will begin to learn to evaluate academic source material. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing and to edit their written work. Students also work on academic listening and speaking skills.									
A&S	OPIE	OPIE	D980	Academic Core Skills 3	LEC	LE	8	48		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 525 minimum IBT: 71 minimum Composition Exam: 51 minimum							
		COURSE DESC:		This course is a bridge level support course in English as a Second Language for students who are also permitted to take two academic courses. Eight hours of classroom instruction (two hours a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic reading and writing skills, as well as academic performance and study skills.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5100D	Foundations in English CORE Skills	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		12 contact-hour core component of a full-time (20 hours/week) course in English as a second language for students at the beginning level whose ultimate aim is academic study. Core Skills class focuses on basic grammar and communication skills. Writing sometimes included. Focus is on American English for effective communication both inside and outside the classroom.									
A&S	OPIE	OPIE	5101D	Foundations in English Listening/Speaking	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the beginning level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in basic listening and speaking for everyday communication.									
A&S	OPIE	OPIE	5102D	Foundations in Reading and Writing	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the beginning level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading, vocabulary development, and sentence-level writing. If necessary, students will be introduced to the conventions of English language writing, including the alphabet, spelling, capitalization, and sentence-level punctuation. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students work to develop sentence-level writing skills.									
A&S	OPIE	OPIE	5200D	Elementary Core Skills	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		12 contact-hour core component of a full-time (20 hours/week) course in English as a second language for students at the elementary level whose ultimate aim is academic study. Core Skills class focuses on basic grammar and communication skills. Writing sometimes included. Focus is on American English for effective communication both inside and outside the classroom.									
A&S	OPIE	OPIE	5201D	Elementary Listening/Speaking	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the elementary level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in basic listening and speaking for everyday communication.									
A&S	OPIE	OPIE	5202D	Elementary Reading/Writing	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the elementary level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students work to develop sentence-level writing skills and begin practice writing simple paragraphs.									
A&S	OPIE	OPIE	5300D	Intermediate Core Skills	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Twelve contact-hour core component of a full-time (20 hours/week) course in English as a second language for students aiming at academic study. Students at this level do not take academic courses. Paragraph level writing competency is developed as students expand grammatical knowledge and explore the process of writing. Instruction and practice includes an introduction to the three-paragraph essay. Students begin to incorporate understanding of appropriate grammatical structures, vocabulary, and organization into the development of short essays. Common rhetorical modes are introduced and practiced. Students begin to develop editing skills.									
A&S	OPIE	OPIE	5301D	Intermediate Listening/Speaking	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening and speaking.									
A&S	OPIE	OPIE	5302D	Intermediate Reading/Vocabulary	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary development. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. They also study and practice activities based upon the Academic Word List. This course includes instruction and practice in using an English-only dictionary.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5400D	High-Intermediate Core Skills ELIGIBLE GRADES: COURSE DESC:	LEC	LE	9	54		N	G10		0
				GEC7: CR, F, REQUISITE: NC Twelve contact-hour core component of a full-time (20 hours/week) course in English as a second language for students aiming at academic study. Students at this level do not take academic courses. Paragraph level writing competency is developed as students expand grammatical knowledge and explore the process of writing. More emphasis is placed on rhetorical modes and developing editing skills. Students begin to incorporate understanding of grammatical structures, appropriate vocabulary, and organization into more formally developed essays.									
A&S	OPIE	OPIE	5401D	High-Intermediate Listening/Speaking ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	24		N	G10		0
				GEC7: CR, F, REQUISITE: NC This course is one component of full-time study of English as a second language for students at the high intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening and speaking.									
A&S	OPIE	OPIE	5402D	High-Intermediate Reading/Vocabulary ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	24		N	G10		0
				GEC7: CR, F, REQUISITE: NC This course is one component of full-time study of English as a second language for students at the high-intermediate level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in reading and vocabulary development. Students build their reading skills by learning reading strategies and practicing with readings and exercises from the textbook. Students build their vocabulary by learning new words and learning to determine the meaning of words from context clues and word analysis. Students also study and practice with activities based upon the Academic Word List. This course includes instruction and practice in using an English-only dictionary.									
A&S	OPIE	OPIE	5500D	Advanced Core Skills ELIGIBLE GRADES: COURSE DESC:	LEC	LE	9	54		N	G10		0
				GEC7: CR, F, REQUISITE: NC The Advanced CORE Skills is a 12 contact-hour CORE component of a full time (20 hours/week) course of study in English as a second language for students preparing for academic study in an American university. Students incorporate understanding of grammatical structures, appropriate vocabulary, and organization into formally developed essays. More emphasis is placed on rhetorical modes and developing editing skills. Reading comprehension and lexical skill development is emphasized along with the improvement of reading rate. Students learn to synthesize the various skills and strategies to which they have been exposed. Listening and speaking skill activities rely more heavily on academic task simulations and university-level expectations.									
A&S	OPIE	OPIE	5600D	PreAcademic Core Skills ELIGIBLE GRADES: COURSE DESC:	LEC	LE	9	54		N	G10		0
				GEC7: CR, F, REQUISITE: NC The PreAcademic CORE Skills class is a 12 contact-hour CORE component of a full-time (20 hours/week) course of study in English as a second language for students preparing for academic study in an American university. Students incorporate understanding of grammatical structures, appropriate vocabulary, and organization into formally developed essays. More emphasis is placed on rhetorical modes and developing editing skills. Students increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing. Reading comprehension and lexical skill development is emphasized along with the improvement of reading rate. Students learn to synthesize the various skills and strategies to which they have been exposed. Listening and speaking skill activities rely more heavily on academic task simulations and university-level expectations.									
A&S	OPIE	OPIE	5701D	Academic Listening/Note-taking/Speaking ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3 to 4	24		N	G10		0
				GEC7: CR, F, REQUISITE: NC This OPIE part-time level elective class aims to improve students' listening, note-taking, and speaking skills needed for successful academic work. Class time is spent on listening to academic mini-lectures, note-taking, discussions, and oral presentations.									
A&S	OPIE	OPIE	5702D	Advanced Reading Skills ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3 to 4	24		N	G10		0
				GEC7: CR, F, REQUISITE: NC This course provides students with both an understanding of the reading process and intensive practice in developing advanced-level reading strategies and skills. It is designed to improve reading comprehension, reading speed, academic vocabulary, and awareness of text structures and rhetorical patterns.									
A&S	OPIE	OPIE	5703D	Pronunciation through Current Events ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3 to 4	24		N	G10		0
				GEC7: CR, F, REQUISITE: NC This course will focus on improving the accuracy of students' speaking abilities. Students will have the opportunity to learn and practice the individual sounds, rhythm, intonation, and stress associated with spontaneous and planned spoken English. In addition, students will study current issues through the use of news-related listening materials and class discussions. These discussions of current events will provide the primary means for student improvement by enabling students to practice speaking in a relevant and engaging context.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5704D	Native Americans of the U.S.	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course will help students further develop all English language skills while learning about Native American history, culture, and current social and political issues. Students will gather information from a variety of sources including newspaper and magazine articles, the Internet, videotapes, guest speakers, and field trips; they will use this information in discussions, presentations, and papers.									
A&S	OPIE	OPIE	5705D	Public Speaking	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		The Public Speaking Class develops speaking, listening, and presenting skills through discussion, demonstration, and extensive practice. This course is useful for both academic work and the workplace and will include both individual and team presentations.									
A&S	OPIE	OPIE	5706D	Beefing Up Your Academic Vocabulary	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is designed to engage students in improving their vocabulary and using it accurately and fluently for academic purposes, i.e. understanding lectures, comprehending assigned readings, participating in class discussions, and writing academic papers. The course focuses on expanding the learner's core knowledge of vocabulary from the general service and academic word lists as well as strengthening the student's ability to effectively ascertain meaning by employing a variety of vocabulary skills, e.g. determining meaning from context, analysis of word parts and word forms, developing facility in effectively using a thesaurus and collegiate English-English dictionaries.									
A&S	OPIE	OPIE	5707D	Intercultural Communication	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course focuses on improving students' academic reading, composition, and presentation skills by introducing them to the fundamental concepts of intercultural and interpersonal communication and the problems of intercultural conflict.									
A&S	OPIE	OPIE	5708D	Ecology and the Environment	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course will help students further develop all language skills as well as learn about local ecology and worldwide environmental issues. Students will gather information from a variety of sources including newspaper and magazine articles, the Internet, videotapes, guest speakers, and field trips; they will use this information in discussions, presentations, and papers.									
A&S	OPIE	OPIE	5709D	American Culture	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		A general overview of American culture to increase awareness and understanding of the cultural values of the United States and other cultures. Provides cross-cultural activities for small group and class discussions, and topics for oral presentations, research, and writing projects. Academic English skill-building through reading, writing, listening and speaking activities, vocabulary study, paraphrasing, summarizing, research and oral reports, and group activities.									
A&S	OPIE	OPIE	5710D	Stories in the News	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Students in this four contact-hour per week course will work to improve reading, writing, listening, and speaking skills while they study and report on current news stories and contemporary world issues.									
A&S	OPIE	OPIE	5711D	U.S. Cities: a Comparison of History and Culture	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Through instruction in the history and cultural geography of two U.S. cities, (e.g. New York City and Los Angeles), students improve their academic English language skills in grammar, reading, vocabulary development, writing, listening, and speaking. Students practice language skills through discussion, oral presentations, written assignments, journal and essay writing, and by completing reading logs. Students also learn and develop research skills by accessing and gathering information from a variety of sources.									
A&S	OPIE	OPIE	5712D	Americans at Work	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course focuses on improving students' academic reading, composition, and presentation skills by introducing them to work as a cultural phenomenon, to the history of work in the U. S., and to American cultural values and beliefs about work.									
A&S	OPIE	OPIE	5713D	English through Music	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is one component of either full-time or part-time study of English as a second language for students whose ultimate aim is full-time academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in listening/speaking and reading while exploring American musical genres and American culture.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5714D	Adventures in Mythology	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Students in this course will work on improving their academic reading, vocabulary development, writing, listening, and speaking skills through the study of mythology and its role in cultural construction.									
A&S	OPIE	OPIE	5715D	Oral Communication in University Classes	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		The goal of this course is to improve students' oral communication skills in English for success in the U.S. academic community. Students explore aspects of language, the U.S. academic culture, and strategies for effective discussion and presentation. Students will have the opportunity to learn and practice the individual sounds, rhythm, intonation, and stress associated with spontaneous and planned spoken English. Students learn about the expectations for oral communication, including group discussion, teamwork and formal presentations in the context of the American university classroom. Students learn about and practice appropriate ways to agree, disagree, interrupt, critique, offer alternative perspectives or suggestions and facilitate both group discussions and team decision-making.									
A&S	OPIE	OPIE	5802D	Reading for Academic Purposes	LEC	LE	3 to 4	4		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Reading for Academic Purposes is an academic reading course for English as a Second Language students who are also permitted to take one academic course. Using authentic material, this course provides students with both an understanding of the reading process and practice in developing academic reading strategies and skills. The course is designed to improve reading comprehension, academic vocabulary, and awareness of text structures and rhetorical patterns.									
A&S	OPIE	OPIE	5803D	Advanced Grammar	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Through this OPIE part-time level elective class, students will increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing.									
A&S	OPIE	OPIE	5804D	Grammar for Writing	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Through this OPIE part-time level elective class, students will increase their ability to use a variety of grammatical patterns and structures to express original ideas, to edit written text, and to paraphrase, summarize, and synthesize information and ideas in order to perform extended academic tasks orally and in writing.									
A&S	OPIE	OPIE	5805D	Composition	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Through this OPIE part-time level elective class, students will increase their ability to write about familiar or prepared topics (up to three typed pages) with some precision and sufficient support. They will increase their ability to synthesize, summarize, and paraphrase information from articles and academic texts. Students will perform various academic writing tasks such as writing persuasive essays and integrating paraphrased or summarized sources into a text. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing.									
A&S	OPIE	OPIE	5806D	Techniques for Gathering and Evaluating Research Information and for Research Writing	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This OPIE bridge-level elective class on Information Gathering (Techniques for Gathering and Evaluating Research Information) and Writing aims at providing international students with basic and, in some cases, advanced level information gathering and evaluating skills while at the same time improving their English language ability, particularly in the areas of reading, listening/speaking, and classroom interaction skills. Students will incorporate source material into their academic writing and will practice citing their sources.									
A&S	OPIE	OPIE	5807D	Academic English Test Taking Strategies	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Academic English Test Taking Strategies is a part-time level integrated course in English as a Second Language for students who are also permitted to take one or two academic courses simultaneously. Four hours of classroom instruction (one hour a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic test-taking strategies for successful academic performance. Language skills are integrated and will include reading, listening, speaking, writing and grammar. Test-taking practice and strategy development will focus on open and closed-book exams, timed objective exams (including standardized tests), as well as both short-answer and full-essay exam formats.									
A&S	OPIE	OPIE	5808D	Issues Through Film	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Students in this part-time level five session per week course (ordinarily four contact hours plus two hours viewing the assigned film) will work to improve speaking, reading, and writing as well as listening skills through a study of some of the traditional themes of USA cinema, and of movies that exemplify those themes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5809D	Reading and Writing about Literature	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Permission required or TOEFL: 500 and Comp:4 NC									
		COURSE DESC:		Through this OPIE Bridge -level elective class, students will read classic and/or contemporary authentic works of fiction or non-fiction. They will analyze and discuss the books, use various strategies to improve their comprehension and vocabulary, learn about the socio-cultural contexts in which the books are set, and write several papers, both academic and creative, on the content and themes of the books. The books may vary from semester to semester. While particular topics and contexts will be examined depending on the books used, the books will serve as a basis to discuss cross- cultural themes and topics as well.									
A&S	OPIE	OPIE	5810D	Exploring American Culture	LEC	LE	3 to 4	12		I	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Permission required NC									
		COURSE DESC:		In this course, students read extended academic reading passages about selected traditional American mainstream values (individual freedom, self-reliance, equality of opportunity, competition, material wealth and hard work), including their development and influence on various aspects of American life. They analyze and discuss the texts, applying reading strategies to improve their comprehension. Students further expand their knowledge of the course content through a variety of activities, including guided observation tasks, speaking with Americans, in-class discussion, small-group projects, and watching movies.									
A&S	OPIE	OPIE	5900	Special Topics in Ohio Program of Intensive English	LEC	EL	1 to 15	999		N	G10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	OPIE	OPIE	5900	Special Topics in Ohio Program of Intensive English	LEC	LE	1 to 15	999		N	G10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	OPIE	OPIE	5900D	Special Studies in American English: Language and Culture	TUT	TU	1 to 15	90		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Individual or small group independent or tutorial study classes set up to meet the needs of students unable to participate in standard classes. Content and objectives taken from standard classes but adapted to the individual or small group independent or tutorial method of delivery.									
A&S	OPIE	OPIE	5960D	Academic Combined Skills 1	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Academic Combined Skills 1 is a bridge level integrated course in English as a Second Language for students who are also permitted to take one academic course. Eight hours of classroom instruction (two hours a day, four days a week) focus on the development of academic English language skills including reading and writing, study skills, and academic performance skills needed for success in an academic program in the U.S. Students will increase their ability to paraphrase, summarize, and synthesize information from articles and academic texts. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing and to edit their written work. Listening and speaking will also be addressed.									
A&S	OPIE	OPIE	5970D	Academic Combined Skills 2	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		Academic Combined Skills 2 is a bridge level integrated course in English as a Second Language for students who are also permitted to take one or two academic courses simultaneously. Eight hours of classroom instruction (two hours a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic reading and writing skills, as well as academic performance and study skills. Students will increase their ability to paraphrase, summarize, and synthesize information from articles and academic texts and will begin to learn to evaluate academic source material. They will increase their ability to use a variety of grammatical patterns and structures to express original ideas in writing and to edit their written work. Students also work on academic listening and speaking skills.									
A&S	OPIE	OPIE	5980D	Academic Core Skills 3	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC									
		COURSE DESC:		This course is a bridge level support course in English as a Second Language for students who are also permitted to take two academic courses. Eight hours of classroom instruction (two hours a day, four days a week) are designed to provide students with high-level language skills development, with a specific focus on academic reading and writing skills, as well as academic performance and study skills.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	BIOL	1010	Principles of Biology	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors and	WARNING:	not BIOS 1700 or PBIO 1100 or 1140					
		COURSE DESC:		Designed for nonscience majors. Principles of cell biology, physiology, ecology, genetics, and evolution. No credit for 1010 if already have credit for BIOS 1700 or PBIO 1140. 3 lec 2 lab.									
A&S	PBIO	BIOL	1010	Principles of Biology	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors and	WARNING:	not BIOS 1700 or PBIO 1100 or 1140					
		COURSE DESC:		Designed for nonscience majors. Principles of cell biology, physiology, ecology, genetics, and evolution. No credit for 1010 if already have credit for BIOS 1700 or PBIO 1140. 3 lec 2 lab.									
A&S	PBIO	BIOL	2900	Special Topics in Biology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PBIO	BIOL	2900	Special Topics in Biology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PBIO	PBIO	1000	Plants and the Global Environment	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors							
		COURSE DESC:		For nonscience majors. Examines the importance of plants in providing global resources for humans and the impact of human activity on the sustainability of these resources. The course places a particular focus on the importance of climate and energy policy as they relate to our uses of plants and the impact that changing climate would be expected to have on plants.									
A&S	PBIO	PBIO	1000L	Plants and the Global Environment Laboratory	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1000 concurrent							
		COURSE DESC:		Same lecture as 1000 with additional laboratory to provide practical experience with plants and topics discussed in lecture.									
A&S	PBIO	PBIO	1020	Plant Biology	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Directed to nonscience majors. Surveys the important taxonomic groups of plants, including algae, bryophytes, ferns, conifers, and flowering plants with reference to modern and fossil species. Life histories, reproduction, and relationships between groups are considered. Fungi are also discussed. Focuses on the structure of seed plants as related to their function in the environment.									
A&S	PBIO	PBIO	1020	Plant Biology	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Directed to nonscience majors. Surveys the important taxonomic groups of plants, including algae, bryophytes, ferns, conifers, and flowering plants with reference to modern and fossil species. Life histories, reproduction, and relationships between groups are considered. Fungi are also discussed. Focuses on the structure of seed plants as related to their function in the environment.									
A&S	PBIO	PBIO	1030	Plants and People	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Interrelationships of plants and humans from both historical and modern points of view, origins of agriculture and civilization, tropical and temperate food plants, medicinal plants, drug plants, destruction of environment, and its ultimate effect on food plants.									
A&S	PBIO	PBIO	1090	Americans and their Forests: Ecology, Conservation and History	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides an understanding of modern forests encompassing both recent and long-term effects arising from natural and human causes. The pattern and character of forest utilization will be interpreted in terms of varied cultural experiences in different regions and times.									
A&S	PBIO	PBIO	1140	Foundations of Plant Biology	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not BIOS 1700							
		COURSE DESC:		Introduces the concepts of plant physiology and cellular and molecular biology that are the foundation of all biological processes. Topics include DNA structure and function leading to genetics and evolution, theories of the origins of life leading to cell structure and function, and bioenergetics. The lab provides supplemental information and hands on activities to reinforce the lecture topics.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	1140	Foundations of Plant Biology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0	2NS	N	U10		0
				GEC1: A-F REQUISITE: WARNING: not BIOS 1700 Introduces the concepts of plant physiology and cellular and molecular biology that are the foundation of all biological processes. Topics include DNA structure and function leading to genetics and evolution, theories of the origins of life leading to cell structure and function, and bioenergetics. The lab provides supplemental information and hands on activities to reinforce the lecture topics.									
A&S	PBIO	PBIO	1150	Plant Structure and Development ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0	2NS	N	U10		0
				GEC1: A-F REQUISITE: For plant biology and other science majors, preprofessional students and science modular students. Introduction to structure, growth, development, and reproductive biology of plants with emphasis on flowering plants.									
A&S	PBIO	PBIO	1150	Plant Structure and Development ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0	2NS	N	U10		0
				GEC1: A-F REQUISITE: For plant biology and other science majors, preprofessional students and science modular students. Introduction to structure, growth, development, and reproductive biology of plants with emphasis on flowering plants.									
A&S	PBIO	PBIO	2010	Plant Biology for Gardeners ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Intro non-majors course introducing fundamental aspects of plant biology, from a gardener's perspective. Topics cover plant structures and functions, reproduction and propagation methods, breeding and domestication, interactions between the plant and its above-ground and below-ground environments, nutrition and health, weeds and pests, and horticultural and agronomic features important to humans.									
A&S	PBIO	PBIO	2010	Plant Biology for Gardeners ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Intro non-majors course introducing fundamental aspects of plant biology, from a gardener's perspective. Topics cover plant structures and functions, reproduction and propagation methods, breeding and domestication, interactions between the plant and its above-ground and below-ground environments, nutrition and health, weeds and pests, and horticultural and agronomic features important to humans.									
A&S	PBIO	PBIO	2010L	Plant Biology for Gardeners Lab ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 2010 or concurrent Laboratory with activities related to principles and content of PBIO 2010 lectures.									
A&S	PBIO	PBIO	2050	Biotechnology: From the Lab to Daily Life ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: What is biotechnology? This course includes information about research findings and their applications to the field, the marketplace and daily life. The course will cover the basic biological principles behind biotechnology from brewing to genetically modified organisms (GMO). Learn about what happens in the research lab and how that translates to daily life. This course will introduce students not only to the science but also to the public debate surrounding these issues.									
A&S	PBIO	PBIO	2050	Biotechnology: From the Lab to Daily Life ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: What is biotechnology? This course includes information about research findings and their applications to the field, the marketplace and daily life. The course will cover the basic biological principles behind biotechnology from brewing to genetically modified organisms (GMO). Learn about what happens in the research lab and how that translates to daily life. This course will introduce students not only to the science but also to the public debate surrounding these issues.									
A&S	PBIO	PBIO	2060	Sustainable Agriculture ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Investigation of global and local agriculture with an emphasis on small scale, highly diversified agriculture and local food systems.as a synthesis of human activities. Agriculture will be considered to include the production from plants of food, fiber, fuel, building materials, and medicines. Students will gain direct experience with agriculture by growing an organic garden, preparing compost and testing soils, harvesting crops, seed saving and visiting local farms.									
A&S	PBIO	PBIO	2060	Sustainable Agriculture ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Investigation of global and local agriculture with an emphasis on small scale, highly diversified agriculture and local food systems.as a synthesis of human activities. Agriculture will be considered to include the production from plants of food, fiber, fuel, building materials, and medicines. Students will gain direct experience with agriculture by growing an organic garden, preparing compost and testing soils, harvesting crops, seed saving and visiting local farms.									
A&S	PBIO	PBIO	2090	Plant Ecology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2NS	N	U10		0
				GEC1: A-F REQUISITE: Basic concepts, theory, and applied aspects of plant ecology. Focus on the interactions of plants with their environment (biotic and abiotic) over a range of spatial and temporal scales.									
A&S	PBIO	PBIO	2140	Exploring Bioinformatics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1	0	2AS	N	U30		0
				GEC2: A-F, PR REQUISITE: A seminar/discussion course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will introduce the topic of bioinformatics and explore the educational and job opportunities in the field.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	2140	Exploring Bioinformatics	LEC	LE	1	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A seminar/discussion course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will introduce the topic of bioinformatics and explore the educational and job opportunities in the field.									
A&S	PBIO	PBIO	2170	Women in Science	LEC	EL	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The lives and discoveries of women scientists worldwide from 1800 to present are examined through biographies, films, speakers, personal interviews, lectures, writing, and discussion. Historical and current trends, including traditional and feminist methodologies, are considered for the sciences, science education, and society. No majors credit; Does not satisfy Arts and Science: Natural Science distribution requirement.									
A&S	PBIO	PBIO	2170	Women in Science	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The lives and discoveries of women scientists worldwide from 1800 to present are examined through biographies, films, speakers, personal interviews, lectures, writing, and discussion. Historical and current trends, including traditional and feminist methodologies, are considered for the sciences, science education, and society. No majors credit; Does not satisfy Arts and Science: Natural Science distribution requirement.									
A&S	PBIO	PBIO	2180	Introduction to Biological Research and Writing	LAB	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or PBIO 1140									
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	PBIO	2180	Introduction to Biological Research and Writing	LAB	LB	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or PBIO 1140									
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	PBIO	2180	Introduction to Biological Research and Writing	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or PBIO 1140									
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	PBIO	2180	Introduction to Biological Research and Writing	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or PBIO 1140									
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	PBIO	2200	Woody Plants	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Identification of the woody plants (trees, shrubs, and vines), both native and non-native, found in the Midwest. Commercial, wildlife, and landscaping uses of each species will be reviewed.									
A&S	PBIO	PBIO	2200	Woody Plants	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Identification of the woody plants (trees, shrubs, and vines), both native and non-native, found in the Midwest. Commercial, wildlife, and landscaping uses of each species will be reviewed.									
A&S	PBIO	PBIO	2250	Flowers	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if PBIO 3190 or 4090									
		COURSE DESC:		Not intended for plant biology majors. Identification of local flowers and discussion of the role of flowers in their natural environments.									
A&S	PBIO	PBIO	2250	Flowers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if PBIO 3190 or 4090									
		COURSE DESC:		Not intended for plant biology majors. Identification of local flowers and discussion of the role of flowers in their natural environments.									
A&S	PBIO	PBIO	2470	Biomes of the World	LEC	EL	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Detailed survey of biomes around the world. Broad characterization of each ecosystem globally is coupled with details on representative protected areas for each biome in North America. Emphasis is placed on geologic and ecological processes determining vegetation zones and the plant and animal species characteristic of each biome. Conservation issues, human impacts, and products for human use, are discussed throughout the course.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	2470	Biomes of the World ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Detailed survey of biomes around the world. Broad characterization of each ecosystem globally is coupled with details on representative protected areas for each biome in North America. Emphasis is placed on geologic and ecological processes determining vegetation zones and the plant and animal species characteristic of each biome. Conservation issues, human impacts, and products for human use, are discussed throughout the course.	LEC	LE	3	0	2NS	N	U30		0
A&S	PBIO	PBIO	2480	Dendrology: A Study of Trees, Shrubs, and Lianas ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This is a field course to teach students how to identify local woody species throughout the forests of Ohio, any time of the year. Students will gain hands-on experience to successfully recognize the key features of woody plants to be proficient in identifying plants during any season. This course will go beyond description because students will also learn about reproductive and establishment requirements to help aid identification and understand how these species can be used as a bioindicator of site quality, disturbance regimes, and land-use history. Due to the field based nature of this course, student need to be willing to walk several miles in rough terrain and poor weather. Students will compile their knowledge by making a field guide of the species covered in class for outreach.	LEC	EL	3	0		N	U30		0
A&S	PBIO	PBIO	2480	Dendrology: A Study of Trees, Shrubs, and Lianas ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This is a field course to teach students how to identify local woody species throughout the forests of Ohio, any time of the year. Students will gain hands-on experience to successfully recognize the key features of woody plants to be proficient in identifying plants during any season. This course will go beyond description because students will also learn about reproductive and establishment requirements to help aid identification and understand how these species can be used as a bioindicator of site quality, disturbance regimes, and land-use history. Due to the field based nature of this course, student need to be willing to walk several miles in rough terrain and poor weather. Students will compile their knowledge by making a field guide of the species covered in class for outreach.	LEC	LE	3	0		N	U30		0
A&S	PBIO	PBIO	2840	Introduction to Global Studies in Plant Biology seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Mandatory seminar, with associated travel workshops for freshmen and sophomores enrolling in a subsequent Global Studies in Plant Biology field course. Students conduct relevant readings and develop and present a seminar on diverse topics related to biological diversity and environmental issues of the field course destination and region.	SEM	EL	2	0		N	U30		0
A&S	PBIO	PBIO	2840	Introduction to Global Studies in Plant Biology seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Mandatory seminar, with associated travel workshops for freshmen and sophomores enrolling in a subsequent Global Studies in Plant Biology field course. Students conduct relevant readings and develop and present a seminar on diverse topics related to biological diversity and environmental issues of the field course destination and region.	SEM	SE	2	0		N	U30		0
A&S	PBIO	PBIO	2900	Special Topics in Plant Biology ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Current and/or special topics in plant biology.	SEM	EL	1 to 3	999		N	U30		0
A&S	PBIO	PBIO	2900	Special Topics in Plant Biology ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Current and/or special topics in plant biology.	SEM	SE	1 to 3	999		N	U30		0
A&S	PBIO	PBIO	2970T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Seminar contents varies.	TUT	EL	1 to 15	0		N	U30		0
A&S	PBIO	PBIO	2970T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Seminar contents varies.	TUT	TU	1 to 15	0		N	U30		0
A&S	PBIO	PBIO	2971T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: [Seminar contents varies.]	TUT	EL	1 to 15	15		N	U30		0
A&S	PBIO	PBIO	2971T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: [Seminar contents varies.]	TUT	TU	1 to 15	15		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	2980T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: PBIO 2970T COURSE DESC: [Seminar contents varies.]	TUT	EL	1 to 15	0		N	U30		0
A&S	PBIO	PBIO	2980T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: PBIO 2970T COURSE DESC: [Seminar contents varies.]	TUT	TU	1 to 15	0		N	U30		0
A&S	PBIO	PBIO	2981T	Plant Biology Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC COURSE DESC: [Seminar contents varies.]	TUT	TU	1 to 15	15		N	U30		0
A&S	PBIO	PBIO	3010	Lab in Cell and Molecular Plant Physiology ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.	LAB	LB	2	0		N	U30		0
A&S	PBIO	PBIO	3010	Lab in Cell and Molecular Plant Physiology ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.	LEC	LE	2	0		N	U30		0
A&S	PBIO	PBIO	3020	Soil Microbial Analysis Lab ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHEM 1520 is required and (PBIO 4380 is recommended) COURSE DESC: This one-week long course is an intensive laboratory experience in soil science, biogeochemistry, and microbial ecology. Students will become familiar with techniques and instrumentation to estimate soil quality and the composition and function of soil microorganisms from a field experiment.	LAB	LB	2	0		N	U30		0
A&S	PBIO	PBIO	3030	Medicinal Plants of Ohio ELIGIBLE GRADES: GEC3: A-F, REQUISITE: COURSE DESC: CR Summer workshop. Identification, history, and uses of medicinal plants; characteristics of herb families; preparation of simple herbal remedies. Field trips to conifer woods, flood plain, cove forest, wetland, and commercial herb-growing establishment.	LEC	LE	2	0		N	U30		0
A&S	PBIO	PBIO	3050	Plant Propagation ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Principles and practices in sexual and asexual propagation of selected plants; timing, manner, and material utilized for cuttage, budding, grafting, layerage and tissue culture; methods of seed handling as affected by time, temperature, and media selection; study of types, construction, and management of various propagation and growing structures and equipment used; identification of selected plants of horticultural and/or agricultural importance using proper scientific nomenclature. Includes one Saturday field trip.	LAB	LB	3	0		N	U30		0
A&S	PBIO	PBIO	3050	Plant Propagation ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Principles and practices in sexual and asexual propagation of selected plants; timing, manner, and material utilized for cuttage, budding, grafting, layerage and tissue culture; methods of seed handling as affected by time, temperature, and media selection; study of types, construction, and management of various propagation and growing structures and equipment used; identification of selected plants of horticultural and/or agricultural importance using proper scientific nomenclature. Includes one Saturday field trip.	LEC	LE	3	0		N	U30		0
A&S	PBIO	PBIO	3080	Structural Botany ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 1150 COURSE DESC: Diversity of vascular plants as reflected by structural and reproductive features of major groups; emphasis on evolution of diversity through systematically significant adaptations as reflected by the paleontological record. 2 lec, 4 lab.	LAB	LB	4	0		N	U30		0
A&S	PBIO	PBIO	3080	Structural Botany ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 1150 COURSE DESC: Diversity of vascular plants as reflected by structural and reproductive features of major groups; emphasis on evolution of diversity through systematically significant adaptations as reflected by the paleontological record. 2 lec, 4 lab.	LEC	LE	4	0		N	U30		0
A&S	PBIO	PBIO	3100	Biology of Fungi ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 1140 and 1150 COURSE DESC: Morphology and life history studies of selected fungi of major groups; collection, isolation, and growth of selected fungi; fungal activities. 2 lec, 2 lab.	LAB	LB	3	0		N	U30		0
A&S	PBIO	PBIO	3100	Biology of Fungi ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 1140 and 1150 COURSE DESC: Morphology and life history studies of selected fungi of major groups; collection, isolation, and growth of selected fungi; fungal activities. 2 lec, 2 lab.	LEC	LE	3	0		N	U30		0

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A&S	PBIO	PBIO	3140	Exploring Bioinformatics Seminar	SEM	EL	1	6	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PBIO 2140 CR									
		COURSE DESC:		A seminar course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will allow students to do in-depth literature review of sub-disciplines within the field and share those findings with the class.									
A&S	PBIO	PBIO	3140	Exploring Bioinformatics Seminar	SEM	SE	1	6	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PBIO 2140 CR									
		COURSE DESC:		A seminar course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will allow students to do in-depth literature review of sub-disciplines within the field and share those findings with the class.									
A&S	PBIO	PBIO	3150	Statistical Methods in Plant Biology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 Hours in PBIO and (Warning: No credit if taken after GEOG 2710)									
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	PBIO	3150	Statistical Methods in Plant Biology	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 Hours in PBIO and (Warning: No credit if taken after GEOG 2710)									
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	PBIO	3150	Statistical Methods in Plant Biology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 Hours in PBIO and (Warning: No credit if taken after GEOG 2710)									
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	PBIO	3160	Horticultural Management and Techniques	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Applied techniques course; emphasis on care and maintenance of plant material, greenhouse structures, and display garden areas; involves student with hands-on practical experience of growing and care of selected plants found in horticultural applications; daily upkeep and maintenance of a greenhouse facility; care and maintenance of display garden area, aesthetics of planning, design and planting; pest identification and management strategies; develop a basic understanding of plant nutrition fundamentals									
A&S	PBIO	PBIO	3190	Ohio Flora	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 1150									
		COURSE DESC:		identification of vascular plants (pteridophytes, gymnosperms and angiosperms) of Ohio, mainly southeastern Ohio, in vegetative and reproductive condition; largely conducted in the field, includes a weekend field trip									
A&S	PBIO	PBIO	3220	Tropical Plant Ecology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 3750 or GEOG 3160 or PBIO 2090									
		COURSE DESC:		Tropical forest studies around the world, including basic plant ecology, conservation, and management.									
A&S	PBIO	PBIO	3240	Plant Physiology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 1140 and 1150									
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	3240	Plant Physiology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 1140 and 1150									
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	3240	Plant Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 1140 and 1150									
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	3260	Plant Ecophysiology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 2090									
		COURSE DESC:		A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. The class is structured to combine lectures, discussions and a hands-on lab approach to exploring the physiological and anatomical adaptations of plants to their environments. Labs will introduce students to state-of-the-art instrumentation and technology which are used to 1) assess biotic and abiotic factors affecting plants and 2) use instrumentation to quantify plant physiological responses to their environment. Students work in groups and actively use knowledge and skill taught in lecture and labs to perform student led ecophysiological experiments.									
A&S	PBIO	PBIO	3260	Plant Ecophysiology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 2090									
		COURSE DESC:		A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. The class is structured to combine lectures, discussions and a hands-on lab approach to exploring the physiological and anatomical adaptations of plants to their environments. Labs will introduce students to state-of-the-art instrumentation and technology which are used to 1) assess biotic and abiotic factors affecting plants and 2) use instrumentation to quantify plant physiological responses to their environment. Students work in groups and actively use knowledge and skill taught in lecture and labs to perform student led ecophysiological experiments.									

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A&S	PBIO	PBIO	3300	Plant Genetics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 1700 or PBIO 1140						
		COURSE DESC:		Basic principles of genetics as they relate to plants, including transmission, expression, and evolution of genetic materials.									
A&S	PBIO	PBIO	3300	Plant Genetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 1700 or PBIO 1140						
		COURSE DESC:		Basic principles of genetics as they relate to plants, including transmission, expression, and evolution of genetic materials.									
A&S	PBIO	PBIO	3301	Plant Breeding	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 3100 or PBIO 3300						
		COURSE DESC:		Study of diverse plant breeding systems and training in creating crosses and subsequent selection in plant crops. Coverage of simple mass selection breeding methods through advanced molecular breeding techniques. Practical considerations in seed saving and quality measures are also covered.									
A&S	PBIO	PBIO	3301	Plant Breeding	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 3100 or PBIO 3300						
		COURSE DESC:		Study of diverse plant breeding systems and training in creating crosses and subsequent selection in plant crops. Coverage of simple mass selection breeding methods through advanced molecular breeding techniques. Practical considerations in seed saving and quality measures are also covered.									
A&S	PBIO	PBIO	3330	Restoration Ecology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 2200 or GEOG 1400 or GEOL 2150 or PBIO 2090						
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	PBIO	3330	Restoration Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 2200 or GEOG 1400 or GEOL 2150 or PBIO 2090						
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	PBIO	3400	Development and Evolution of Land Plants	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PBIO 1140 and 1150						
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	PBIO	3400	Development and Evolution of Land Plants	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PBIO 1140 and 1150						
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	PBIO	3400	Development and Evolution of Land Plants	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PBIO 1140 and 1150						
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	PBIO	3530	Plant Developmental Physiology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 1700 or 1140						
		COURSE DESC:		Growth and development in flowering plants. Topics include cell growth and differentiation in developing meristems; tissue and organ development in culture, dormancy and germination; flower induction; seed formation; growth regulators; and senescence.									
A&S	PBIO	PBIO	3530	Plant Developmental Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BIOS 1700 or 1140						
		COURSE DESC:		Growth and development in flowering plants. Topics include cell growth and differentiation in developing meristems; tissue and organ development in culture, dormancy and germination; flower induction; seed formation; growth regulators; and senescence.									
A&S	PBIO	PBIO	3935H	Thesis Development	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PBIO 1480J and Jr standing						
		COURSE DESC:		Activities might include development of research tools, literature searches, grantwriting, and research supply or equipment acquisition, as well as proposal writing and revision. Students are expected to complete a formal thesis proposal that must be defended by end of the semester.									
A&S	PBIO	PBIO	3970T	Plant Biology Tutorial	TUT	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		HTC						
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	PBIO	3970T	Plant Biology Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		HTC						
		COURSE DESC:		Seminar contents varies.									

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A&S	PBIO	PBIO	3980T	Plant Biology Tutorial ELIGIBLE GRADES: COURSE DESC:	TUT	EL	1 to 15	15		N	U30		0
				GEC4: A-F, REQUISITE: HTC CR, PR Seminar contents varies.									
A&S	PBIO	PBIO	3980T	Plant Biology Tutorial ELIGIBLE GRADES: COURSE DESC:	TUT	TU	1 to 15	15		N	U30		0
				GEC4: A-F, REQUISITE: HTC CR, PR Seminar contents varies.									
A&S	PBIO	PBIO	4090	Plant Systematics and Survey of Vascular Plant Families ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									
A&S	PBIO	PBIO	4090	Plant Systematics and Survey of Vascular Plant Families ELIGIBLE GRADES: COURSE DESC:	LEC	EL	4	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									
A&S	PBIO	PBIO	4090	Plant Systematics and Survey of Vascular Plant Families ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									
A&S	PBIO	PBIO	4095	Field Studies in Plant Diversity ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3 to 6	0		N	U30		0
				GEC1: A-F REQUISITE: (PBIO 2090 and (3190 or 4090) or concurrent) Intensive field-based investigation of plant communities distributed across an environmental gradient, and the vascular plant diversity (families, genera, species) comprising the communities.									
A&S	PBIO	PBIO	4095	Field Studies in Plant Diversity ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3 to 6	0		N	U30		0
				GEC1: A-F REQUISITE: (PBIO 2090 and (3190 or 4090) or concurrent) Intensive field-based investigation of plant communities distributed across an environmental gradient, and the vascular plant diversity (families, genera, species) comprising the communities.									
A&S	PBIO	PBIO	4120	Plant Pathology ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Diseases of plants; history, types of pathogens and disease cycles, impact in nature and agriculture, disease control strategies. Isolation and identification of pathogens and pests of plants.									
A&S	PBIO	PBIO	4120	Plant Pathology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Diseases of plants; history, types of pathogens and disease cycles, impact in nature and agriculture, disease control strategies. Isolation and identification of pathogens and pests of plants.									
A&S	PBIO	PBIO	4120	Plant Pathology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: PBIO 1150 Diseases of plants; history, types of pathogens and disease cycles, impact in nature and agriculture, disease control strategies. Isolation and identification of pathogens and pests of plants.									
A&S	PBIO	PBIO	4160	Problem Solving with Bioinformatics Tools ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: (BIOS 3100 or PBIO 3300) and (EE 3713 or MATH 2500 or PBIO 3150 or PSY 2110) Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									
A&S	PBIO	PBIO	4160	Problem Solving with Bioinformatics Tools ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: (BIOS 3100 or PBIO 3300) and (EE 3713 or MATH 2500 or PBIO 3150 or PSY 2110) Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									
A&S	PBIO	PBIO	4170	Biological Research and Science Ethics ELIGIBLE GRADES: COURSE DESC:	SEM	EL	1	0		N	U30		0
				GEC1: A-F REQUISITE: The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									

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A&S	PBIO	PBIO	4170	Biological Research and Science Ethics	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									
A&S	PBIO	PBIO	4180J	Writing for the Science Researcher	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	15 Hours in BIOS or PBIO and (Jr or Sr)						
		COURSE DESC:		Current research literature will provide students with opportunities to learn the skills needed for successful written communication in graduate school or an academic career in the sciences. No credit toward major.									
A&S	PBIO	PBIO	4180J	Writing for the Science Researcher	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	15 Hours in BIOS or PBIO and (Jr or Sr)						
		COURSE DESC:		Current research literature will provide students with opportunities to learn the skills needed for successful written communication in graduate school or an academic career in the sciences. No credit toward major.									
A&S	PBIO	PBIO	4181J	Writing for Biologists	LEC	LE	3	0	1J	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Current topics in the scientific literature and public controversy around issues in biology provide students with opportunities to learn the skills needed for successful writing as a biologist. No credit toward major.									
A&S	PBIO	PBIO	4200	Phycology: The Study of Algae	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common or representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	4200	Phycology: The Study of Algae	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common or representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	4200	Phycology: The Study of Algae	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common or representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	4270	Molecular Genetics	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									
A&S	PBIO	PBIO	4270	Molecular Genetics	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									
A&S	PBIO	PBIO	4280	Laboratory in Genomics Techniques	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3100 or PBIO 3300						
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	PBIO	4280	Laboratory in Genomics Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3100 or PBIO 3300						
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	PBIO	4310	Plant Cell Biology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Structure and function of cells, organelles, and cellular inclusions.									
A&S	PBIO	PBIO	4310	Plant Cell Biology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Structure and function of cells, organelles, and cellular inclusions.									
A&S	PBIO	PBIO	4350	Plant Population Biology and Community Ecology	LAB	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090						
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	4350	Plant Population Biology and Community Ecology	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090						
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	PBIO	4350	Plant Population Biology and Community Ecology	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090						
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	PBIO	4350	Plant Population Biology and Community Ecology	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090						
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	PBIO	4380	Soil Properties and Ecosystem Processes	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(CHEM 1220 or 1520) and (BIOS 3750 or GEOG 1100 or PBIO 2090)						
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	PBIO	4380	Soil Properties and Ecosystem Processes	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(CHEM 1220 or 1520) and (BIOS 3750 or GEOG 1100 or PBIO 2090)						
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	PBIO	4420	Experimental Anatomy of Plant Development	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	PBIO 1150						
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	PBIO	4420	Experimental Anatomy of Plant Development	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	PBIO 1150						
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	PBIO	4500	Biotechnology and Genetic Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		For upper level undergraduate students. Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	PBIO	4501	The Principles of Brewing Science	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(CHEM 3060 or PBIO 3240) and Sr and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CHEM 4501						
		COURSE DESC:		Aims to demonstrate fundamental principles and concepts of biochemistry, physiology, microbiology, and plant biology through beer brewing. The practice and study of fermentation first defined the field of biochemistry and combines skills/concepts taken from microbiology (yeast cultivation; inhibition of bacterial growth by hops and ethanol; assay of bacterial contamination), biochemistry (an understanding of aerobic vs non-aerobic respiration and glucose metabolism, lipid oxidation, enzyme kinetics and assay as in starch degradation by amylases and protein degradation by proteases), physiology (the effects of alcohol on the body), and plant biology (barley and hops cultivation, harvesting and malt production; the contribution of plant tannins to beer flavor). This course combines a series of lectures, labs and field trips to the Plant Biology Gardens to demonstrate the concepts invoked in lecture. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using a hands on approach. As many students seem unaware of how alcohol interacts with the body in the long term, this course also informs students about the devastating effects of alcohol abuse on the body and society. As such this course outfits students with a wide range of key scientific concepts coupled with practical skills.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	4501	The Principles of Brewing Science	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 3060 or PBIO 3240) and Sr and	WARNING: No credit for both this course and the following (always deduct credit for first course taken):						
		COURSE DESC:		Aims to demonstrate fundamental principles and concepts of biochemistry, physiology, microbiology, and plant biology through beer brewing. The practice and study of fermentation first defined the field of biochemistry and combines skills/concepts taken from microbiology (yeast cultivation; inhibition of bacterial growth by hops and ethanol; assay of bacterial contamination), biochemistry (an understanding of aerobic vs non-aerobic respiration and glucose metabolism, lipid oxidation, enzyme kinetics and assay as in starch degradation by amylases and protein degradation by proteases), physiology (the effects of alcohol on the body), and plant biology (barley and hops cultivation, harvesting and malt production; the contribution of plant tannins to beer flavor). This course combines a series of lectures, labs and field trips to the Plant Biology Gardens to demonstrate the concepts invoked in lecture. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using a hands on approach. As many students seem unaware of how alcohol interacts with the body in the long term, this course also informs students about the devastating effects of alcohol abuse on the body and society. As such this course outfits students with a wide range of key scientific concepts coupled with practical skills.									
A&S	PBIO	PBIO	4750	Plant Population Genetics and Speciation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PBIO or BIOS major) and (Jr or Sr)							
		COURSE DESC:		Principles of plant evolution, population level variation, genetic processes of inheritance, and current topics in evolutionary biology.									
A&S	PBIO	PBIO	4850	Plant Biology Capstone	LAB	LB	3 to 6	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150 and 2090 and Sr							
		COURSE DESC:		Capstone short-term field course for natural science majors, integrating principles across organismal plant biology and related disciplines, in a selected (often international) region.									
A&S	PBIO	PBIO	4850	Plant Biology Capstone	LEC	LE	3 to 6	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150 and 2090 and Sr							
		COURSE DESC:		Capstone short-term field course for natural science majors, integrating principles across organismal plant biology and related disciplines, in a selected (often international) region.									
A&S	PBIO	PBIO	4900	Special Topics in Environmental & Plant Biology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	PBIO	4900	Special Topics in Environmental & Plant Biology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	PBIO	4910	Internship	INT	EL	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	(Jr or Sr) and permission required							
		COURSE DESC:		Provides students with credit for work experience in various applied fields of botany and environmental biology. Overseen by a faculty member and evaluated by the on-the-job supervisor. Report culminates experience.									
A&S	PBIO	PBIO	4910	Internship	INT	IN	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	(Jr or Sr) and permission required							
		COURSE DESC:		Provides students with credit for work experience in various applied fields of botany and environmental biology. Overseen by a faculty member and evaluated by the on-the-job supervisor. Report culminates experience.									
A&S	PBIO	PBIO	4940	Undergraduate Research	RSC	EL	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in PBIO and (Jr or Sr)							
		COURSE DESC:		Independent research under supervision of faculty member.									
A&S	PBIO	PBIO	4940	Undergraduate Research	RSC	RS	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in PBIO and (Jr or Sr)							
		COURSE DESC:		Independent research under supervision of faculty member.									
A&S	PBIO	PBIO	4941	Undergraduate Research/Written Presentation	RSC	RS	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 4940 and 30 hours cumulative in BIOS, CHEM, GEOG, GEOL, & PBIO and Sr and permission required							
		COURSE DESC:		An independent research experience that includes a formal written presentation of the work. All work will be done under the supervision of a faculty member.									
A&S	PBIO	PBIO	4945H	Thesis	RSC	RS	2 to 4	4	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 4940 or 4941							
		COURSE DESC:		Preparation of an honors thesis based on original research.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	4970T	Plant Biology Tutorial	TUT	EL	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	PBIO	4970T	Plant Biology Tutorial	TUT	TU	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	PBIO	4980T	Plant Biology Tutorial	TUT	EL	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PBIO 4970T									
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	PBIO	4980T	Plant Biology Tutorial	TUT	TU	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PBIO 4970T									
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	PBIO	5010	Lab in Cell and Molecular Plant Physiology	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.									
A&S	PBIO	PBIO	5010	Lab in Cell and Molecular Plant Physiology	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.									
A&S	PBIO	PBIO	5010	Lab in Cell and Molecular Plant Physiology	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.									
A&S	PBIO	PBIO	5020	Soil Microbial Analysis lab	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 5380 is recommended									
		COURSE DESC:		This one-week long course is an intensive laboratory experience in soil science, biogeochemistry, and microbial ecology. Students will become familiar with techniques and instrumentation to estimate soil quality and the composition and function of soil microorganisms from a field experiment.									
A&S	PBIO	PBIO	5020	Soil Microbial Analysis lab	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 5380 is recommended									
		COURSE DESC:		This one-week long course is an intensive laboratory experience in soil science, biogeochemistry, and microbial ecology. Students will become familiar with techniques and instrumentation to estimate soil quality and the composition and function of soil microorganisms from a field experiment.									
A&S	PBIO	PBIO	5080	Anatomy and Morphology of Vascular Plants	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing									
		COURSE DESC:		Diversity of vascular plants as reflected by structural and reproductive features of major groups; emphasis on evolution of diversity through systematically significant adaptations as reflected by the paleontological record.									
A&S	PBIO	PBIO	5080	Anatomy and Morphology of Vascular Plants	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing									
		COURSE DESC:		Diversity of vascular plants as reflected by structural and reproductive features of major groups; emphasis on evolution of diversity through systematically significant adaptations as reflected by the paleontological record.									
A&S	PBIO	PBIO	5090	Plant Systematics and Survey of Vascular Plant Families	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									
A&S	PBIO	PBIO	5090	Plant Systematics and Survey of Vascular Plant Families	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									

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A&S	PBIO	PBIO	5090	Plant Systematics and Survey of Vascular Plant Families	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Principles of systematics and taxonomy; use of systematic data in classification; survey of major vascular plant lineages, important families and representative genera. Lab: data generation and analysis, identification of pteridophyte, gymnosperm and angiosperm families and exemplary genera. Field trips (incl. one weekend).									
A&S	PBIO	PBIO	5095	Field Studies in Plant Diversity	LAB	LB	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Intensive field-based investigation of plant communities distributed across an environmental gradient, and the vascular plant diversity (families, genera, species) comprising the communities.									
A&S	PBIO	PBIO	5095	Field Studies in Plant Diversity	LEC	LE	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Intensive field-based investigation of plant communities distributed across an environmental gradient, and the vascular plant diversity (families, genera, species) comprising the communities.									
A&S	PBIO	PBIO	5100	Biology of Fungi	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	PBIO	5100	Biology of Fungi	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	PBIO	5100	Biology of Fungi	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology	LAB	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	PBIO	5160	Problem Solving with Bioinformatics Tools	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									
A&S	PBIO	PBIO	5160	Problem Solving with Bioinformatics Tools	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									
A&S	PBIO	PBIO	5170	Biological Research and Science Ethics	SEM	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									

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A&S	PBIO	PBIO	5170	Biological Research and Science Ethics	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									
A&S	PBIO	PBIO	5180	Writing in the Life Sciences	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Current research topics provide students opportunities to practice and master skills needed for successful written communication in the science/research profession.									
A&S	PBIO	PBIO	5180	Writing in the Life Sciences	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Current research topics provide students opportunities to practice and master skills needed for successful written communication in the science/research profession.									
A&S	PBIO	PBIO	5190	Ohio Flora	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR identification of vascular plants (pteridophytes, gymnosperms and angiosperms) of Ohio, mainly southeastern Ohio, in vegetative and reproductive condition; largely conducted in the field, includes a weekend field trip									
A&S	PBIO	PBIO	5200	Phycology: the study of algae	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	5200	Phycology: the study of algae	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	5200	Phycology: the study of algae	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	PBIO	5220	Tropical Plant Ecology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Graduate Standing Tropical rainforest studies around the world, including basic plant ecology, biogeography, growth forms and life histories, plant/animal interactions, human impacts, conservation and management.									
A&S	PBIO	PBIO	5240	Plant Physiology	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	5240	Plant Physiology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	5240	Plant Physiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	PBIO	5260	Physiological Plant Ecology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. A hands-on approach to exploring the physiological and anatomical adaptations of plants to their environments. Weekly (outdoor) labs will survey abiotic factors and plant physiological responses using state-of-the-art technology.									
A&S	PBIO	PBIO	5260	Physiological Plant Ecology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. A hands-on approach to exploring the physiological and anatomical adaptations of plants to their environments. Weekly (outdoor) labs will survey abiotic factors and plant physiological responses using state-of-the-art technology.									
A&S	PBIO	PBIO	5270	Molecular Genetics	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									
A&S	PBIO	PBIO	5270	Molecular Genetics	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5280	Laboratory in Genomics Techniques	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	PBIO	5280	Laboratory in Genomics Techniques	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	PBIO	5300	Plant Genetics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Basic principles of genetics as they relate to plants, including transmission, expression, and evolution of genetic materials.									
A&S	PBIO	PBIO	5300	Plant Genetics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Basic principles of genetics as they relate to plants, including transmission, expression, and evolution of genetic materials.									
A&S	PBIO	PBIO	5310	Cell Biology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Biochemical, cytochemical, and ultrastructural aspects of the nucleus and cytoplasmic organelles, and cellular communication.									
A&S	PBIO	PBIO	5310	Cell Biology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Biochemical, cytochemical, and ultrastructural aspects of the nucleus and cytoplasmic organelles, and cellular communication.									
A&S	PBIO	PBIO	5330	Restoration Ecology	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	PBIO	5330	Restoration Ecology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	PBIO	5350	Plant Population Biology and Community Ecology	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	PBIO	5350	Plant Population Biology and Community Ecology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	PBIO	5380	Soil Properties and Ecosystem Processes	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	PBIO	5380	Soil Properties and Ecosystem Processes	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	PBIO	5400	Development and Evolution of Land Plants	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5400	Development and Evolution of Land Plants	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	PBIO	5400	Development and Evolution of Land Plants	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	PBIO	5420	Experimental Anatomy of Plant Development	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	PBIO	5420	Experimental Anatomy of Plant Development	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	PBIO	5420	Experimental Anatomy of Plant Development	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	PBIO	5500	Biotechnology and Genetic Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	PBIO	5500	Biotechnology and Genetic Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	PBIO	5750	Plant Population Genetics and Speciation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles of evolution, population level variation, genetic processes of inheritance, and current topics in evolutionary biology.									
A&S	PBIO	PBIO	5750	Plant Population Genetics and Speciation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles of evolution, population level variation, genetic processes of inheritance, and current topics in evolutionary biology.									
A&S	PBIO	PBIO	5850	Global Studies in Plant Biology Graduate Field Course	LAB	LB	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									
A&S	PBIO	PBIO	5850	Global Studies in Plant Biology Graduate Field Course	LEC	EL	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									
A&S	PBIO	PBIO	5850	Global Studies in Plant Biology Graduate Field Course	LEC	LE	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									
A&S	PBIO	PBIO	5900	Special Topics in Environmental & Plant Biology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR		Specific course content will vary with offering.							

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5900	Special Topics in Environmental & Plant Biology	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	PBIO	PBIO	6500	Instrumentation and Techniques	LAB	LB	3 to 6	6		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Learning how to used specialized instrumentation and techniques for biological research.									
A&S	PBIO	PBIO	6500	Instrumentation and Techniques	LEC	LE	3 to 6	6		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Learning how to used specialized instrumentation and techniques for biological research.									
A&S	PBIO	PBIO	6510	Plant Biochemistry	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 5240 or 5310									
				COURSE DESC: Biochemical processes involving carbohydrate, protein, lipid and nucleic acid metabolism; enzymology; and biophysical methods used in biochemistry. Currently, most published studies from plant biology include biochemical data. Therefore, biochemistry is increasingly needed in plant science.									
A&S	PBIO	PBIO	6510	Plant Biochemistry	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PBIO 5240 or 5310									
				COURSE DESC: Biochemical processes involving carbohydrate, protein, lipid and nucleic acid metabolism; enzymology; and biophysical methods used in biochemistry. Currently, most published studies from plant biology include biochemical data. Therefore, biochemistry is increasingly needed in plant science.									
A&S	PBIO	PBIO	6700	Botanical Pedagogy	TUT	TU	1	99		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PR, F									
				COURSE DESC: Preparation for botanical teaching in colleges and universities.									
A&S	PBIO	PBIO	6900	Special Topics in Environmental & Plant Biology	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	PBIO	PBIO	6900	Special Topics in Environmental & Plant Biology	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	PBIO	PBIO	6940	Graduate Research	RSC	RS	1 to 15	250		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PR, F									
				COURSE DESC: Original research in field of major interest under supervision of major advisor. Results and conclusions resulting from research may be presented in M.S. thesis or Ph.D. dissertation as partial fulfillment for respective degree.									
A&S	PBIO	PBIO	6950	Thesis	THE	TH	1 to 15	250		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PR, F									
				COURSE DESC: Formal presentation of results of research as partial fulfillment of requirements for M.S. Hours not counted toward degree.									
A&S	PBIO	PBIO	6970	Seminar	SEM	EL	1 to 3	30		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Graduate students present seminars on topics of current botanical interest.									
A&S	PBIO	PBIO	6970	Seminar	SEM	SE	1 to 3	30		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Graduate students present seminars on topics of current botanical interest.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	6971	Topics in Plant Systematics and Evolution	SEM	EL	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic. Previous topics have included histochemical methods, current problems in biochemistry, plant anatomy, pteridology, and soil microbiology.									
A&S	PBIO	PBIO	6971	Topics in Plant Systematics and Evolution	SEM	SE	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic. Previous topics have included histochemical methods, current problems in biochemistry, plant anatomy, pteridology, and soil microbiology.									
A&S	PBIO	PBIO	6972	Topics in Plant Molecular and Cell Biology	LEC	EL	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion course offered when there is sufficient student interest in a current topic.									
A&S	PBIO	PBIO	6972	Topics in Plant Molecular and Cell Biology	LEC	LE	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion course offered when there is sufficient student interest in a current topic.									
A&S	PBIO	PBIO	6973	Topics in Plant Ecology	SEM	EL	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic.									
A&S	PBIO	PBIO	6973	Topics in Plant Ecology	SEM	SE	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic.									
A&S	PBIO	PBIO	8700	Biostatistics II	LAB	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	PBIO	PBIO	8700	Biostatistics II	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	PBIO	PBIO	8700	Biostatistics II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	PBIO	PBIO	8700	Biostatistics II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Application of multivariate statistics to biology; multiple regression and correlation, principal components, canonical correlation, discriminant function, and factor analysis. Project in experimental design and analysis of data.									
A&S	PBIO	PBIO	8900	Special Topics in Environmental & Plant Biology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	PBIO	8900	Special Topics in Environmental & Plant Biology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	8950	Dissertation	THE	TH	1 to 15	250		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		Formal presentation of results of research as partial fulfillment of requirement for Ph. D.									
A&S	PBIO	T3	4091	An Island as an Environment	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Examines environmental issues in a tropical island ecosystem. The Bahamas provide a model for understanding the issues and processes impacting sustainability for the island's natural environments and biological diversity, the local people's livelihood and way of life, and the economic stability of the country. A wealth of diverse experiences provides students with firsthand knowledge of life at the land-sea interface. Weather conditions permitting, approximately 2/3 of the course will involve firsthand exposure to marine environments and 1/3, terrestrial environments.									
A&S	PBIO	T3	4091	An Island as an Environment	LEC	EL	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Examines environmental issues in a tropical island ecosystem. The Bahamas provide a model for understanding the issues and processes impacting sustainability for the island's natural environments and biological diversity, the local people's livelihood and way of life, and the economic stability of the country. A wealth of diverse experiences provides students with firsthand knowledge of life at the land-sea interface. Weather conditions permitting, approximately 2/3 of the course will involve firsthand exposure to marine environments and 1/3, terrestrial environments.									
A&S	PBIO	T3	4091	An Island as an Environment	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Examines environmental issues in a tropical island ecosystem. The Bahamas provide a model for understanding the issues and processes impacting sustainability for the island's natural environments and biological diversity, the local people's livelihood and way of life, and the economic stability of the country. A wealth of diverse experiences provides students with firsthand knowledge of life at the land-sea interface. Weather conditions permitting, approximately 2/3 of the course will involve firsthand exposure to marine environments and 1/3, terrestrial environments.									
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	DIS	DI	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	DIS	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	LAB	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: COURSE DESC:									
				GEC1: A-F REQUISITE: Tier II completed and Sr only The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: COURSE DESC:									
				GEC1: A-F REQUISITE: Tier II completed and Sr only The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	1010	Fundamentals of Philosophy ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U10	CORRESPOND	0
				GEC1: A-F REQUISITE: Survey of selected basic problems, concepts, and methods in philosophy.									
A&S	PHIL	PHIL	1200	Principles of Reasoning ELIGIBLE GRADES: COURSE DESC:	DIS	DI	3	0	1M	N	U10	CCE, CORRESPOND	0
				GEC1: A-F REQUISITE: Math Placement Level 1 or higher or (MATH D004 or MATH D005) Basic concepts of logic and techniques for judging validity of arguments introduced. System for symbolizing arguments and deriving conclusions from premises employed. Some of following topics also covered: informal fallacies in reasoning, syllogistic or Aristotelian logic; Venn diagrams, truth tables. Most sections are traditional lecture/test format, some taught in computer-assisted format, others use self-paced approach.									
A&S	PHIL	PHIL	1200	Principles of Reasoning ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	1M	N	U10	CCE, CORRESPOND	0
				GEC1: A-F REQUISITE: Math Placement Level 1 or higher or (MATH D004 or MATH D005) Basic concepts of logic and techniques for judging validity of arguments introduced. System for symbolizing arguments and deriving conclusions from premises employed. Some of following topics also covered: informal fallacies in reasoning, syllogistic or Aristotelian logic; Venn diagrams, truth tables. Most sections are traditional lecture/test format, some taught in computer-assisted format, others use self-paced approach.									
A&S	PHIL	PHIL	1300	Introduction to Ethics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U10	CORRESPOND	0
				GEC1: A-F REQUISITE: Discussion of classic and/or modern philosophical views of human values, ideals, and morality. Provides introductory survey of some main problems, concepts, and results of ethics including selected philosophers of past and present.									
A&S	PHIL	PHIL	2160	Philosophy of Science Survey ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Nontechnical survey of types, testing, and credibility of hypotheses; methods of experimental inquiry; measurement; laws, theories and their role in explanation, concept formation.									
A&S	PHIL	PHIL	2310	Philosophy of Sport ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Philosophical exploration into nature, meaning, purposes, values, and ideals of sport. Topics include goods and evils of competition, nature of sports experience, winning and losing, aesthetic and ethical dimensions of sport, ultimate athlete, scholastic athletics, philosophy of physical education, concept of sportsmanship, etc.									
A&S	PHIL	PHIL	2310	Philosophy of Sport ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Philosophical exploration into nature, meaning, purposes, values, and ideals of sport. Topics include goods and evils of competition, nature of sports experience, winning and losing, aesthetic and ethical dimensions of sport, ultimate athlete, scholastic athletics, philosophy of physical education, concept of sportsmanship, etc.									
A&S	PHIL	PHIL	2320	Philosophy of Art ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.									
A&S	PHIL	PHIL	2320	Philosophy of Art ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.									
A&S	PHIL	PHIL	2350	Business Ethics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Examination of moral reasoning as it pertains to institutions and practices of contemporary business. First half is devoted to basic ethical concepts and analysis of basis for acceptable ethical theory, investigation of role of government and society in their relationship to business, and value assumptions behind competing social and political systems business personnel encounter in today's global marketplace. Second half examines specific case studies.									
A&S	PHIL	PHIL	2400	Social and Political Philosophy ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2HL	N	U30		0
				GEC1: A-F REQUISITE: Introduction to major philosophical theories concerning nature of social and political communities including those offered by Plato, Aquinas, Hobbes, Locke, Mill, and Rawls. Consideration of some significant specialized problems in social and political theory including distributive justice, civil disobedience, liberty, punishment, etc.									
A&S	PHIL	PHIL	2500	Philosophy of Mind ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Mind-body problem; concept of self; human-machine relation; problems of other minds.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	2500	Philosophy of Mind	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Mind-body problem; concept of self; human-machine relation; problems of other minds.									
A&S	PHIL	PHIL	2600	Philosophy of Religion	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Problems in nature of religion, existence and the nature of God; problem of evil, immortality, and religious language.									
A&S	PHIL	PHIL	2900	Special Topics in Philosophy	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHIL	PHIL	2900	Special Topics in Philosophy	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHIL	PHIL	2970T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
		COURSE DESC:		CR, PR 1st-yr tutorial studies in Philosophy.									
A&S	PHIL	PHIL	2980T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
		COURSE DESC:		CR, PR 1st-yr tutorial studies in philosophy.									
A&S	PHIL	PHIL	3010J	Writing With Critical Reasoning Skills	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(PHIL 1010 or 1300) and (Jr or Sr)						
		COURSE DESC:		This is a writing intensive course whose topics for student essays will vary depending upon instructor.									
A&S	PHIL	PHIL	3010J	Writing With Critical Reasoning Skills	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(PHIL 1010 or 1300) and (Jr or Sr)						
		COURSE DESC:		This is a writing intensive course whose topics for student essays will vary depending upon instructor.									
A&S	PHIL	PHIL	3100	History of Western Philosophy: Ancient	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Significant ideas of representative Greek and Roman philosophers.									
A&S	PHIL	PHIL	3100	History of Western Philosophy: Ancient	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Significant ideas of representative Greek and Roman philosophers.									
A&S	PHIL	PHIL	3110	History of Western Philosophy: Medieval and Renaissance	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Augustine to Bruno and Campanella.									
A&S	PHIL	PHIL	3110	History of Western Philosophy: Medieval and Renaissance	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Augustine to Bruno and Campanella.									
A&S	PHIL	PHIL	3120	History of Western Philosophy: Modern	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		17th and 18th century European philosophy.									
A&S	PHIL	PHIL	3120	History of Western Philosophy: Modern	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		17th and 18th century European philosophy.									
A&S	PHIL	PHIL	3140	19th Century European Philosophy	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Subjects selected from French, German, and British philosophers of 19th century.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	3140	19th Century European Philosophy	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Subjects selected from French, German, and British philosophers of 19th century.									
A&S	PHIL	PHIL	3200	Symbolic Logic I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.									
A&S	PHIL	PHIL	3200	Symbolic Logic I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.									
A&S	PHIL	PHIL	3300	Ethics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Study focusing on specific philosopher, or one type of ethical or value theory.									
A&S	PHIL	PHIL	3310	Moral Problems in Medicine	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Philosophical investigation of complex moral problems engendered by modern medicine, e.g., death with dignity, human experimentation, allocation of scarce medical resources, birth defects, killing or letting die, informed consent, etc. Basic philosophical concepts underlying these problems explored, including autonomy, coercion, normality, naturalness, rights, justice, responsibility, personhood, etc.									
A&S	PHIL	PHIL	3320	Philosophy of Sex and Love	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Philosophical and evaluative investigation into subject of sexual love and Western morality. Topics include roles and relations between sexes, abortion, monogamy, sexual perversion, homosexuality, promiscuity, adultery, semantics of sex, etc.									
A&S	PHIL	PHIL	3320	Philosophy of Sex and Love	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Philosophical and evaluative investigation into subject of sexual love and Western morality. Topics include roles and relations between sexes, abortion, monogamy, sexual perversion, homosexuality, promiscuity, adultery, semantics of sex, etc.									
A&S	PHIL	PHIL	3330	Philosophy of Literature	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Examines nature of fictional literature as differentiated from other types of writing. Explores philosophical ideas within specific works of fiction, concentrating on problems of translating philosophical content into literary form, interpretation, belief, truth, and artistic integrity.									
A&S	PHIL	PHIL	3330	Philosophy of Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Examines nature of fictional literature as differentiated from other types of writing. Explores philosophical ideas within specific works of fiction, concentrating on problems of translating philosophical content into literary form, interpretation, belief, truth, and artistic integrity.									
A&S	PHIL	PHIL	3350	Environmental Ethics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		How should we value nature? What is important about it, and why? Is it important to us because caring for nature advances our interests, or because it is valuable in its own right? Do animals have special claims upon us? Should our primary concern be for individual organisms, or for species? Aims at thinking through some of the questions that surround the idea of valuing the environment in which we live, and understanding possible views as to the source and nature of that value.									
A&S	PHIL	PHIL	3500	Philosophy of Culture	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Philosophical studies of humankind as culture-creating beings.									
A&S	PHIL	PHIL	3500	Philosophy of Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Philosophical studies of humankind as culture-creating beings.									
A&S	PHIL	PHIL	3510	Philosophy of Language	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 Hours in PHIL including (1200 or 3200)						
		COURSE DESC:		Theories of meaning and reference and their philosophical significance, relations of meaning to verification and truth, and relationship between language and concepts.									
A&S	PHIL	PHIL	3510	Philosophy of Language	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 Hours in PHIL including (1200 or 3200)						
		COURSE DESC:		Theories of meaning and reference and their philosophical significance, relations of meaning to verification and truth, and relationship between language and concepts.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	3580	Existentialism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in PHIL							
		COURSE DESC:		Existential thought from Kierkegaard to Camus stressing such themes as freedom, existence, despair, authenticity, alienation, death, and revolt against system.									
A&S	PHIL	PHIL	3580	Existentialism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in PHIL							
		COURSE DESC:		Existential thought from Kierkegaard to Camus stressing such themes as freedom, existence, despair, authenticity, alienation, death, and revolt against system.									
A&S	PHIL	PHIL	3970T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		2nd-yr tutorial studies in philosophy.									
A&S	PHIL	PHIL	3980T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		2nd-yr tutorial studies in Philosophy.									
A&S	PHIL	PHIL	4120	Philosophy of Biology	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1710							
		COURSE DESC:		An analysis of such issues as the structure of theory in biology, whether biology differs from other sciences; whether species exist, natural selection, how taxonomy should be done, and whether biology raises any ethical issues.									
A&S	PHIL	PHIL	4120	Philosophy of Biology	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1710							
		COURSE DESC:		An analysis of such issues as the structure of theory in biology, whether biology differs from other sciences; whether species exist, natural selection, how taxonomy should be done, and whether biology raises any ethical issues.									
A&S	PHIL	PHIL	4130	Philosophy and Freudian Analysis	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 2710 or 3320							
		COURSE DESC:		The philosophical and scientific presuppositions of Freudian psychology (including Freud's methodology) will be identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis will be emphasized. Recent attacks on the legitimacy of psychoanalysis will be examined. Alternative schemes for understanding human behavior will also be discussed.									
A&S	PHIL	PHIL	4130	Philosophy and Freudian Analysis	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 2710 or 3320							
		COURSE DESC:		The philosophical and scientific presuppositions of Freudian psychology (including Freud's methodology) will be identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis will be emphasized. Recent attacks on the legitimacy of psychoanalysis will be examined. Alternative schemes for understanding human behavior will also be discussed.									
A&S	PHIL	PHIL	4140	Analytic Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	4 Courses in PHIL							
		COURSE DESC:		Selected topics in contemporary Anglo-American philosophy.									
A&S	PHIL	PHIL	4140	Analytic Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	4 Courses in PHIL							
		COURSE DESC:		Selected topics in contemporary Anglo-American philosophy.									
A&S	PHIL	PHIL	4160	Philosophy of Science	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	3 Courses in PHIL							
		COURSE DESC:		Selected problems in logic and methodology of sciences.									
A&S	PHIL	PHIL	4160	Philosophy of Science	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	3 Courses in PHIL							
		COURSE DESC:		Selected problems in logic and methodology of sciences.									
A&S	PHIL	PHIL	4170	Philosophy of Logic	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 3000 or PHIL 3200							
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorems.									
A&S	PHIL	PHIL	4170	Philosophy of Logic	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 3000 or PHIL 3200							
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	4180	Plato	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	PHIL	4180	Plato	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	PHIL	4190	Aristotle	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	PHIL	4190	Aristotle	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	PHIL	4200	Symbolic Logic II	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PHIL 3200						
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	PHIL	4200	Symbolic Logic II	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PHIL 3200						
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	PHIL	4250	Philosophical Problems in Quantum Physics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									
A&S	PHIL	PHIL	4250	Philosophical Problems in Quantum Physics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									
A&S	PHIL	PHIL	4260	Philosophy of Space and Time	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	PHIL	4260	Philosophy of Space and Time	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	PHIL	4270	Philosophy of Mathematics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	PHIL	4270	Philosophy of Mathematics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	PHIL	4280	Continental Rationalism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Descartes, Spinoza, Leibniz.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	4280	Continental Rationalism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Descartes, Spinoza, Leibniz.									
A&S	PHIL	PHIL	4290	British Empiricism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Locke, Berkeley, Hume.									
A&S	PHIL	PHIL	4290	British Empiricism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Locke, Berkeley, Hume.									
A&S	PHIL	PHIL	4300	Ethical Theory	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (1300 or 3300)						
		COURSE DESC:		Significant current literature in selected topics of moral, social, political, and legal philosophy.									
A&S	PHIL	PHIL	4300	Ethical Theory	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (1300 or 3300)						
		COURSE DESC:		Significant current literature in selected topics of moral, social, political, and legal philosophy.									
A&S	PHIL	PHIL	4310	History of Aesthetic Theory	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									
A&S	PHIL	PHIL	4310	History of Aesthetic Theory	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									
A&S	PHIL	PHIL	4320	Problems in Aesthetics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in (PHIL or LIT or ARTS)						
		COURSE DESC:		A variety of philosophical issues surrounding the arts and aesthetics drawn from contemporary sources will be discussed. Topics include the nature of art, expression, interpretation, evaluation, and art and knowledge.									
A&S	PHIL	PHIL	4320	Problems in Aesthetics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in (PHIL or LIT or ARTS)						
		COURSE DESC:		A variety of philosophical issues surrounding the arts and aesthetics drawn from contemporary sources will be discussed. Topics include the nature of art, expression, interpretation, evaluation, and art and knowledge.									
A&S	PHIL	PHIL	4340	Metaethics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		3 Courses in PHIL and (1300 or 2400 or 4300)						
		COURSE DESC:		The study of metaethics is the study of the nature of ethical or normative judgments. What are we doing when we make ethical judgments? Is it right to think that ethical judgments are capable of being true or false? If so, in virtue of what? We can also wonder about the moral motivation. Does a judgment that something is morally wrong automatically entail that one has a motive not to do it? This course will be a survey of readings on these two questions.									
A&S	PHIL	PHIL	4340	Metaethics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		3 Courses in PHIL and (1300 or 2400 or 4300)						
		COURSE DESC:		The study of metaethics is the study of the nature of ethical or normative judgments. What are we doing when we make ethical judgments? Is it right to think that ethical judgments are capable of being true or false? If so, in virtue of what? We can also wonder about the moral motivation. Does a judgment that something is morally wrong automatically entail that one has a motive not to do it? This course will be a survey of readings on these two questions.									
A&S	PHIL	PHIL	4380	Kant	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	PHIL	4380	Kant	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	PHIL	4400	Contemporary Social Philosophy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL or (2 Courses in PHIL and 9 hours Tier II Social Sciences)						
		COURSE DESC:		Consideration of any number of various issues in contemporary, social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights, etc.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	4420	Philosophy of Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		3 Courses in PHIL						
		COURSE DESC:		Consideration of nature and justification of law and examination of some specialized topics in philosophy of law, including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									
A&S	PHIL	PHIL	4440	Philosophy of Marxism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as Praxis group of Yugoslavia.									
A&S	PHIL	PHIL	4440	Philosophy of Marxism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as Praxis group of Yugoslavia.									
A&S	PHIL	PHIL	4460	Justice and Liberty	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		3 Hours in PHIL and (1300 or 2400)						
		COURSE DESC:		A survey of moral and political conceptions of the values of liberty and justice, their interaction, and the way they should shape political institutions.									
A&S	PHIL	PHIL	4460	Justice and Liberty	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		3 Hours in PHIL and (1300 or 2400)						
		COURSE DESC:		A survey of moral and political conceptions of the values of liberty and justice, their interaction, and the way they should shape political institutions.									
A&S	PHIL	PHIL	4480	Pragmatism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Peirce, James, Dewey, and other American thinkers.									
A&S	PHIL	PHIL	4480	Pragmatism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Peirce, James, Dewey, and other American thinkers.									
A&S	PHIL	PHIL	4500	Theory of Knowledge	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Critical examination of various views of what knowledge is and how it is attained.									
A&S	PHIL	PHIL	4500	Theory of Knowledge	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Critical examination of various views of what knowledge is and how it is attained.									
A&S	PHIL	PHIL	4510	Metaphysics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3100 or 3120)						
		COURSE DESC:		Discussion of basic philosophical issues such as: conceptual schemes and the external world, causation, universals, determinism and freedom, the nature of the mind, etc.									
A&S	PHIL	PHIL	4510	Metaphysics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3100 or 3120)						
		COURSE DESC:		Discussion of basic philosophical issues such as: conceptual schemes and the external world, causation, universals, determinism and freedom, the nature of the mind, etc.									
A&S	PHIL	PHIL	4520	Evolution of Human Cognition and Cooperation	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in PHIL						
		COURSE DESC:		The evolution of human cognition and cooperation is an interdisciplinary topic involving evolutionary biology, behavioral ecology, psychology, anthropology, archaeology, economics, and philosophy. It also has implications for traditional philosophical questions about human nature, the architecture of the human mind, human morality, and social contract theory. This course introduces basic theoretical tools used in the literature, especially evolutionary game theory and multilevel selection theory, and discusses both classic and recent works on this topic. The format of the course is a research seminar, where the participants give presentations and lead discussions.									
A&S	PHIL	PHIL	4580	Contemporary European Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3580 and 4680)						
		COURSE DESC:		Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.									
A&S	PHIL	PHIL	4580	Contemporary European Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3580 and 4680)						
		COURSE DESC:		Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.									
A&S	PHIL	PHIL	4590	Contemporary French Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3580 and 4680)						
		COURSE DESC:		A detailed examination of the central problems in contemporary French philosophy.									
A&S	PHIL	PHIL	4590	Contemporary French Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including (3580 and 4680)						
		COURSE DESC:		A detailed examination of the central problems in contemporary French philosophy.									

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A&S	PHIL	PHIL	4680	Phenomenology	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.									
A&S	PHIL	PHIL	4680	Phenomenology	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.									
A&S	PHIL	PHIL	4750	Chinese Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3350 and 4 courses in PHIL						
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present.									
A&S	PHIL	PHIL	4750	Chinese Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3350 and 4 courses in PHIL						
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present.									
A&S	PHIL	PHIL	4760	Indian Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3340 and 4 courses in PHIL						
		COURSE DESC:		Classical Hinduism.									
A&S	PHIL	PHIL	4760	Indian Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3340 and 4 courses in PHIL						
		COURSE DESC:		Classical Hinduism.									
A&S	PHIL	PHIL	4770	Buddhist Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3350 and 4 courses in PHIL						
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	PHIL	4770	Buddhist Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		CLWR 3350 and 4 courses in PHIL						
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	PHIL	4780	African Philosophy	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Jr or Sr						
		COURSE DESC:		Critical examination of the question, debated today among African philosophers, whether traditional Africans thought systems should be regarded and developed as philosophical systems. Includes survey of most significant of these thought systems.									
A&S	PHIL	PHIL	4780	African Philosophy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Jr or Sr						
		COURSE DESC:		Critical examination of the question, debated today among African philosophers, whether traditional Africans thought systems should be regarded and developed as philosophical systems. Includes survey of most significant of these thought systems.									
A&S	PHIL	PHIL	4900	Special Topics in Philosophy	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHIL	PHIL	4900	Special Topics in Philosophy	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHIL	PHIL	4901	Senior Seminar	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:		PHIL 3100 and 3120 and 3200 and Sr only						
		COURSE DESC:		PR Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.									
A&S	PHIL	PHIL	4901	Senior Seminar	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:		PHIL 3100 and 3120 and 3200 and Sr only						
		COURSE DESC:		PR Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.									
A&S	PHIL	PHIL	4910	Internship in Philosophy	FLD	FE	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course will situate the student with an approved, external employer or non-profit venue in order to help the student gain experience in applying to the workplace what he or she has learned from philosophy.									

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A&S	PHIL	PHIL	4911	Seminar in Philosophy	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		5 courses in PHIL						
		COURSE DESC:		Selected problems.									
A&S	PHIL	PHIL	4921	Applied Ethics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (PHIL 1300 or 2350 or 3300 or 3310 or 4300)						
		COURSE DESC:		An examination of the relationship of applied ethics to ethics as a branch of philosophy, a survey of major areas within applied ethics (medical, business, journalistic, etc.), and a consideration of selected problems in each area.									
A&S	PHIL	PHIL	4921	Applied Ethics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		2 Courses in (PHIL 1300 or 2350 or 3300 or 3310 or 4300)						
		COURSE DESC:		An examination of the relationship of applied ethics to ethics as a branch of philosophy, a survey of major areas within applied ethics (medical, business, journalistic, etc.), and a consideration of selected problems in each area.									
A&S	PHIL	PHIL	4970	Independent Reading	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Permission required						
		COURSE DESC:		Seminar contents vary.									
A&S	PHIL	PHIL	4970T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		HTC						
		COURSE DESC:		CR, PR 3rd-yr tutorial studies in Philosophy.									
A&S	PHIL	PHIL	4980T	Philosophy Tutorial	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		HTC						
		COURSE DESC:		CR, PR 3rd-yr tutorial studies in Philosophy.									
A&S	PHIL	PHIL	4990	Senior Thesis	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Must be enrolled in each of two senior semesters to achieve honors in Philosophy. Research and writing of long philosophical paper.									
A&S	PHIL	PHIL	4990	Senior Thesis	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Must be enrolled in each of two senior semesters to achieve honors in Philosophy. Research and writing of long philosophical paper.									
A&S	PHIL	PHIL	5020	Techniques of Formal Analysis	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Philosophical application of techniques of modern symbolic logic.									
A&S	PHIL	PHIL	5020	Techniques of Formal Analysis	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Philosophical application of techniques of modern symbolic logic.									
A&S	PHIL	PHIL	5120	Philosophy of Biology	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Some specific questions to be addressed include: what are species; how best to do taxonomy; must any theory of evolution be holistic?									
A&S	PHIL	PHIL	5120	Philosophy of Biology	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR Some specific questions to be addressed include: what are species; how best to do taxonomy; must any theory of evolution be holistic?									
A&S	PHIL	PHIL	5130	Philosophy and Freudian Analysis	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:		PSY 2710						
		COURSE DESC:		PR The philosophical and scientific presuppositions of Freudian psychology, including Freud's methodology, are identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis are emphasized. Recent attacks on the legitimacy of psychoanalysis are examined. Alternative schemes for understanding human behavior also discussed.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5130	Philosophy and Freudian Analysis	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 2710									
		COURSE DESC:		The philosophical and scientific presuppositions of Freudian psychology, including Freud's methodology, are identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis are emphasized. Recent attacks on the legitimacy of psychoanalysis are examined. Alternative schemes for understanding human behavior also discussed.									
A&S	PHIL	PHIL	5140	Analytic Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Selected topics in contemporary Anglo-American Philosophy.									
A&S	PHIL	PHIL	5140	Analytic Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Selected topics in contemporary Anglo-American Philosophy.									
A&S	PHIL	PHIL	5150	Contemporary Philosophical Problems	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Selected topics in contemporary philosophy.									
A&S	PHIL	PHIL	5150	Contemporary Philosophical Problems	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Selected topics in contemporary philosophy.									
A&S	PHIL	PHIL	5160	Philosophy of Science	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Analysis of selected problems in logic and methodology of sciences.									
A&S	PHIL	PHIL	5160	Philosophy of Science	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Analysis of selected problems in logic and methodology of sciences.									
A&S	PHIL	PHIL	5170	Philosophy of Logic	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHIL 5020									
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorem.									
A&S	PHIL	PHIL	5170	Philosophy of Logic	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHIL 5020									
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorem.									
A&S	PHIL	PHIL	5180	Plato	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5180	Plato	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5190	Aristotle	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5190	Aristotle	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5200	Symbolic Logic II	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 5020 PR									
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	PHIL	5200	Symbolic Logic II	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 5020 PR									
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	PHIL	5210	Proof Theory	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Advanced proof theory.									
A&S	PHIL	PHIL	5210	Proof Theory	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Advanced proof theory.									
A&S	PHIL	PHIL	5220	Computability Theory	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Computability theory.									
A&S	PHIL	PHIL	5220	Computability Theory	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Computability theory.									
A&S	PHIL	PHIL	5230	Modal and M V Logics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Modal and M V logic.									
A&S	PHIL	PHIL	5230	Modal and M V Logics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Modal and M V logic.									
A&S	PHIL	PHIL	5240	Foundation Theory	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Foundation theory									
A&S	PHIL	PHIL	5240	Foundation Theory	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200 PR									
		COURSE DESC:		Foundation theory									
A&S	PHIL	PHIL	5250	Philosophical Problems in Quantum Physics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									
A&S	PHIL	PHIL	5250	Philosophical Problems in Quantum Physics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5260	Philosophy of Space and Time	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	PHIL	5260	Philosophy of Space and Time	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	PHIL	5270	Philosophy of Mathematics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	PHIL	5270	Philosophy of Mathematics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	PHIL	5280	Continental Rationalism	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5280	Continental Rationalism	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5290	British Empiricism	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5290	British Empiricism	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminar contents vary.									
A&S	PHIL	PHIL	5300	Ethical Theory	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Current literature in selected topics in moral and social philosophy.									
A&S	PHIL	PHIL	5300	Ethical Theory	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Current literature in selected topics in moral and social philosophy.									
A&S	PHIL	PHIL	5310	History of Aesthetic Theory	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									
A&S	PHIL	PHIL	5310	History of Aesthetic Theory	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5320	Problems in Aesthetics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Writing drawn from modern sources on theory of art, aesthetic criticism, interpretation, creativity, truth in art, and aesthetic value.									
A&S	PHIL	PHIL	5320	Problems in Aesthetics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Writing drawn from modern sources on theory of art, aesthetic criticism, interpretation, creativity, truth in art, and aesthetic value.									
A&S	PHIL	PHIL	5330	Meaning in Music	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topics in the philosophy of music.									
A&S	PHIL	PHIL	5330	Meaning in Music	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Topics in the philosophy of music.									
A&S	PHIL	PHIL	5340	Metaethics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course will focus on the nature of ethical judgments and claims, their truth status, and their connection with motivation.									
A&S	PHIL	PHIL	5340	Metaethics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course will focus on the nature of ethical judgments and claims, their truth status, and their connection with motivation.									
A&S	PHIL	PHIL	5380	Kant	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	PHIL	5380	Kant	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	PHIL	5390	Nineteenth Century European Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduction to the philosophy of Hegel, Nietzsche, and other 19th century European philosophers.									
A&S	PHIL	PHIL	5390	Nineteenth Century European Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduction to the philosophy of Hegel, Nietzsche, and other 19th century European philosophers.									
A&S	PHIL	PHIL	5400	Contemporary Social and Political Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Consideration of any number of various issues in contemporary social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights.									
A&S	PHIL	PHIL	5400	Contemporary Social and Political Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Consideration of any number of various issues in contemporary social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights.									
A&S	PHIL	PHIL	5420	Philosophy of Law	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Consideration of nature and justification of law and examination of some specialized topics in philosophy of law including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									

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A&S	PHIL	PHIL	5420	Philosophy of Law	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Consideration of nature and justification of law and examination of some specialized topics in philosophy of law including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									
A&S	PHIL	PHIL	5430	Liability and Responsibility in the Law	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 2400 and 4300 and (4400 or 4420)									
		PR											
		COURSE DESC:		Study of some of major problematic areas in ascription of legal liability and responsibility. Chief areas of concern: (1) grounds on which courts determine who or what is causally responsible for what occurred; (2) extent to which finding of legal responsibility should take account of intentions, knowledge, recklessness, etc., of accused; and (3) whether only sane individuals should be held legally responsible.									
A&S	PHIL	PHIL	5430	Liability and Responsibility in the Law	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 2400 and 4300 and (4400 or 4420)									
		PR											
		COURSE DESC:		Study of some of major problematic areas in ascription of legal liability and responsibility. Chief areas of concern: (1) grounds on which courts determine who or what is causally responsible for what occurred; (2) extent to which finding of legal responsibility should take account of intentions, knowledge, recklessness, etc., of accused; and (3) whether only sane individuals should be held legally responsible.									
A&S	PHIL	PHIL	5440	Philosophy of Marxism	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as the "Praxis group" of Yugoslavia.									
A&S	PHIL	PHIL	5440	Philosophy of Marxism	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as the "Praxis group" of Yugoslavia.									
A&S	PHIL	PHIL	5460	Justice and Liberty	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of moral and political conceptions of the values of liberty and justice, their interaction, and the way they should shape political institutions.									
A&S	PHIL	PHIL	5460	Justice and Liberty	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of moral and political conceptions of the values of liberty and justice, their interaction, and the way they should shape political institutions.									
A&S	PHIL	PHIL	5480	Pragmatism	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Peirce, James, Dewey, and other American thinkers.									
A&S	PHIL	PHIL	5480	Pragmatism	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Peirce, James, Dewey, and other American thinkers.									
A&S	PHIL	PHIL	5500	Theory of Knowledge	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Critical examination of various views of what knowledge is and how it is attained.									
A&S	PHIL	PHIL	5500	Theory of Knowledge	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Critical examination of various views of what knowledge is and how it is attained.									
A&S	PHIL	PHIL	5510	Metaphysics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Basic alternative conceptions of world and such topics as substance, causality, self, freedom, space, and time.									

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A&S	PHIL	PHIL	5510	Metaphysics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Basic alternative conceptions of world and such topics as substance, causality, self, freedom, space, and time.									
A&S	PHIL	PHIL	5520	Evolution of Human Cognition and Cooperation	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The evolution of human cognition and cooperation is an interdisciplinary topic involving evolutionary biology, behavioral ecology, psychology, anthropology, archaeology, economics, and philosophy. It also has implications for traditional philosophical questions about human nature, the architecture of the human mind, human morality, and social contract theory. This course introduces basic theoretical tools used in the literature, especially evolutionary game theory and multilevel selection theory, and discusses both classic and recent works on this topic. The format of the course is a research seminar, where the participants give presentations and lead discussions.									
A&S	PHIL	PHIL	5540	Semiotics in Communication	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to the structures and processes of communication through the use of semiotics. Semiotics is concerned with systems of signs, their interrelationships, and the images used to transmit such systems. Since semiotics is being used widely in the analysis of literature, film, and other social means of communication, acquaints the student with current modes of understanding the communicative process.									
A&S	PHIL	PHIL	5540	Semiotics in Communication	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to the structures and processes of communication through the use of semiotics. Semiotics is concerned with systems of signs, their interrelationships, and the images used to transmit such systems. Since semiotics is being used widely in the analysis of literature, film, and other social means of communication, acquaints the student with current modes of understanding the communicative process.									
A&S	PHIL	PHIL	5580	Contemporary European Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.									
A&S	PHIL	PHIL	5580	Contemporary European Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.									
A&S	PHIL	PHIL	5590	Contemporary French Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to the philosophy of Camus, Derrida, Foucault, and others.									
A&S	PHIL	PHIL	5590	Contemporary French Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to the philosophy of Camus, Derrida, Foucault, and others.									
A&S	PHIL	PHIL	5680	Phenomenology	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.									
A&S	PHIL	PHIL	5680	Phenomenology	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.									
A&S	PHIL	PHIL	5750	Chinese Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present day.									
A&S	PHIL	PHIL	5750	Chinese Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present day.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5760	Indian Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduction to selected topics in Indian philosophy.									
A&S	PHIL	PHIL	5760	Indian Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduction to selected topics in Indian philosophy.									
A&S	PHIL	PHIL	5770	Buddhist Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	PHIL	5770	Buddhist Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	PHIL	5780	African Philosophy	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Critical examination of question, debated today among African philosophers, whether traditional African thought systems should be regarded and developed as philosophical systems, and survey of most significant of these thought systems.									
A&S	PHIL	PHIL	5780	African Philosophy	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Critical examination of question, debated today among African philosophers, whether traditional African thought systems should be regarded and developed as philosophical systems, and survey of most significant of these thought systems.									
A&S	PHIL	PHIL	5900	Special Topics in Philosophy	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	PHIL	PHIL	5900	Special Topics in Philosophy	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
A&S	PHIL	PHIL	5901	Seminar in Philosophy	SEM	EL	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Selected problems.									
A&S	PHIL	PHIL	5901	Seminar in Philosophy	SEM	SE	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Selected problems.									
A&S	PHIL	PHIL	5920	Applied Ethics	PRA	PR	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR An examination of the relationship of applied ethics to ethics as a branch of philosophy, as well as a survey of the major areas within applied ethics (medical, business, journalistic, etc.), and a consideration of selected problems in each.									
A&S	PHIL	PHIL	6850	Forum in Contemporary Philosophy	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar required of all full-time graduate students to study the book to be discussed with the author during the spring semester Philosophy Forum.									
A&S	PHIL	PHIL	6850	Forum in Contemporary Philosophy	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar required of all full-time graduate students to study the book to be discussed with the author during the spring semester Philosophy Forum.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL 6890		Topics in Applied Ethics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A seminar on selected topics in the area of applied ethics (medicine, journalism, computer, etc.). Each student writes a paper on the resolution of one such problem area.									
A&S	PHIL	PHIL 6890		Topics in Applied Ethics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A seminar on selected topics in the area of applied ethics (medicine, journalism, computer, etc.). Each student writes a paper on the resolution of one such problem area.									
A&S	PHIL	PHIL 6900		Special Topics in Philosophy	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	PHIL 6900		Special Topics in Philosophy	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	PHIL 6901		Supervised Teaching	SEM	EL	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Supervised experience, including observation, discussion, and counsel.									
A&S	PHIL	PHIL 6901		Supervised Teaching	SEM	SE	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Supervised experience, including observation, discussion, and counsel.									
A&S	PHIL	PHIL 6902		Special Studies	SEM	EL	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced specialized study in an area related to, but not necessarily that of, student's thesis.									
A&S	PHIL	PHIL 6902		Special Studies	SEM	SE	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced specialized study in an area related to, but not necessarily that of, student's thesis.									
A&S	PHIL	PHIL 6903		Graduate Seminar in Philosophy	SEM	EL	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Seminar intended for all graduate students.									
A&S	PHIL	PHIL 6903		Graduate Seminar in Philosophy	SEM	SE	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Seminar intended for all graduate students.									
A&S	PHIL	PHIL 6911		Seminar in Philosophy	SEM	EL	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Selected problems in philosophy.									
A&S	PHIL	PHIL 6911		Seminar in Philosophy	SEM	SE	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Selected problems in philosophy.									
A&S	PHIL	PHIL 6940		Advanced Readings	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Supervised readings in specific areas beyond coursework.									

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 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	6950	Thesis	THE	TH	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Master's Thesis.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	ASTR	1000	Survey of Astronomy	LEC	LE	3	0	2NS	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		General introduction to astronomy, with emphasis on the structure of the universe beyond our solar system. Topics include historical astronomy, the sun, stars, galaxies, interstellar matter, black holes, the "Big Bang" theory, and the evolution of the universe. No prereq, but familiarity with basic algebra and geometry is beneficial.									
A&S	PHYS	ASTR	1001	Moons and Planets: The Solar System	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		General introduction to astronomy, with emphasis on our solar system and other planetary systems. Topics (chosen by instructor) may include historical astronomy, the sun, the surfaces, interiors, and atmospheres of the planets, comets, asteroids, and meteor impacts, planets around other stars, and the origin of life. Also listed as PSC 1001. No prerequisites, but familiarity with basic algebra and geometry is beneficial.									
A&S	PHYS	ASTR	1400	Observational Astronomy Laboratory	LAB	LB	1	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Experience with telescopes and locating stars, planets, and deep-sky objects in the night sky. Also covers major constellations, seasonal variations, lunar cycles, and, when appropriate, eclipses and comets.									
A&S	PHYS	ASTR	2900	Special Topics in Astronomy	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHYS	ASTR	2900	Special Topics in Astronomy	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	PHYS	ASTR	3251	Fundamentals of Astrophysics	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		PHYS 2052 and MATH 3300 (Some experience with computer programming is recommended) Physical foundations of astronomical observation and theory. Specific topics include time and coordinate systems, orbits, celestial mechanics, radiation mechanisms, spectra, telescopes, and instrumentation. In addition, an introduction to the physical properties of stars, galaxies, and interstellar matter and an overview of cosmological distance measurements and the "hot big bang" model will be covered, along with an introduction to astronomical data analysis.									
A&S	PHYS	ASTR	3940	Astronomy Laboratory	RSC	RS	1 to 3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		ASTR 3251 Telescope observations and other laboratory studies dealing with astronomy.									
A&S	PHYS	ASTR	4201	Stellar Astrophysics and Radiation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		ASTR 3251 and MATH 3400 Introduction to radiative transfer, including radiation mechanisms, and formation of spectral lines; discusses the physics of the cold interstellar medium and its relationship to star formation; and provides an overview of stellar evolution and stellar remnants, including white dwarfs, supernovae, and neutron stars.									
A&S	PHYS	ASTR	4202	Interstellar Medium and Galaxies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		ASTR 3251 and MATH 3400 Analysis of the physics of the warm and hot interstellar medium, including photoionization, thermal equilibrium, and shocks; overview of the structure and dynamics of the Milky Way and other galaxies; discussion of Galaxy formation and evolution, and their relationship to galaxy clusters and large-scale structure; introduction to the physics of active galactic nuclei.									
A&S	PHYS	ASTR	4271	Observational Astrophysics	IND	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		ASTR 3251 Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.									
A&S	PHYS	ASTR	4271	Observational Astrophysics	IND	IS	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		ASTR 3251 Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	ASTR	4271	Observational Astrophysics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.	LEC	LE	3	0		N	U30		0
A&S	PHYS	ASTR	4900	Special Topics in Astronomy ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	PHYS	ASTR	4900	Special Topics in Astronomy ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	PHYS	ASTR	4930	Studies in Astronomy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Special studies in Astronomy under the supervision of a faculty member.	IND	EL	1 to 6	99		I	U30		0
A&S	PHYS	ASTR	4930	Studies in Astronomy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Special studies in Astronomy under the supervision of a faculty member.	IND	IS	1 to 6	99		I	U30		0
A&S	PHYS	ASTR	5201	Stellar Astrophysics and Radiation ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to radiative transfer, including radiation mechanisms, and formation of spectral lines; discusses the physics of the cold interstellar medium and its relationship to star formation; and provides an overview of stellar evolution and stellar remnants, including white dwarfs, supernovae, and neutron stars.	LEC	LE	3	0		N	G40		0
A&S	PHYS	ASTR	5202	Interstellar Medium and Galaxies ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Analyzes the physics of the warm and hot interstellar medium, including photoionization, thermal equilibrium, and shocks; provides an overview of the structure and dynamics of the Milky Way and other galaxies; discusses Galaxy formation and evolution, and its relationship to galaxy clusters and large-scale structure; and provides an introduction to the physics of active galactic nuclei.	LEC	LE	3	0		N	G40		0
A&S	PHYS	ASTR	5271	Observational Astrophysics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.	IND	EL	3	0		N	G40		0
A&S	PHYS	ASTR	5271	Observational Astrophysics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.	IND	IS	3	0		N	G40		0
A&S	PHYS	ASTR	5271	Observational Astrophysics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a high-level introduction to modern observational techniques and instrumentation. Topics covered include use of CCDs for optical observations; factors determining measurement signal-to-noise ratio; detection and measurement methods for optical imaging of astronomical sources; factors determining experimental design; and special considerations for radio and space-based observations. During the course of the semester students carry out an observational project, including project conception, data acquisition and analysis, and presentation of results.	LEC	LE	3	0		N	G40		0
A&S	PHYS	ASTR	5900	Special Topics in Astronomy ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: CR, PR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
A&S	PHYS	ASTR	5900	Special Topics in Astronomy ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: CR, PR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	D020	Preparation for College Physics	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if physics course above D020									
		COURSE DESC:		For students who have not had high school physics or have had inadequate preparation to enter regular physics sequence. Material presented includes metric system, review of mathematics, scientific method, representation of data, and problem solving. Will not satisfy any part of natural sciences requirement of College of Arts and Sciences.									
A&S	PHYS	PHYS	D020	Preparation for College Physics	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if physics course above D020									
		COURSE DESC:		For students who have not had high school physics or have had inadequate preparation to enter regular physics sequence. Material presented includes metric system, review of mathematics, scientific method, representation of data, and problem solving. Will not satisfy any part of natural sciences requirement of College of Arts and Sciences.									
A&S	PHYS	PHYS	1021	Peer-Led Team Learning for PHYS 2001	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: P BIO 2010 or concurrent									
		COURSE DESC:		PR, F Content-appropriate discussion and problem-solving conducted by a peer mentor, graduate student or faculty member in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	PHYS	PHYS	1022	Peer-Led Team Learning for PHYS 2002	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PHYS 2002 Concurrent									
		COURSE DESC:		PR, F Content-appropriate discussion and problem-solving conducted by a peer mentor, graduate student or faculty member in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	PHYS	PHYS	1901	Physics Seminar	SEM	SE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview of current topics in physics, based on readings, discussion, and student presentations.									
A&S	PHYS	PHYS	2001	Introduction to Physics	LAB	LB	4	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 1200 or math placement level 2 or higher) and WARNING: not PHYS 2051									
		COURSE DESC:		First course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Mechanics of solids and liquids, oscillations, heat, thermodynamics. No credit for 2001 after 2051.									
A&S	PHYS	PHYS	2001	Introduction to Physics	LEC	LE	4	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 1200 or math placement level 2 or higher) and WARNING: not PHYS 2051									
		COURSE DESC:		First course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Mechanics of solids and liquids, oscillations, heat, thermodynamics. No credit for 2001 after 2051.									
A&S	PHYS	PHYS	2002	Introduction to Physics	LAB	LB	4	0	2NS	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PHYS 2001 or 2051 or 2051H) and WARNING: not PHYS 2052 or 2301									
		COURSE DESC:		Continuation of 2001. Second course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.									
A&S	PHYS	PHYS	2002	Introduction to Physics	LEC	LE	4	0	2NS	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PHYS 2001 or 2051 or 2051H) and WARNING: not PHYS 2052 or 2301									
		COURSE DESC:		Continuation of 2001. Second course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.									
A&S	PHYS	PHYS	2051	General Physics	LAB	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent)									
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	PHYS	2051	General Physics	LAB	LB	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent)									
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	PHYS	2051	General Physics	LEC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent)									
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	PHYS	2051	General Physics	LEC	LE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent)									
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	2051	General Physics	REC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 263A or 266A or 266B or (2301 or concurrent)							
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	PHYS	2051	General Physics	REC	RE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 263A or 266A or 266B or (2301 or concurrent)							
		COURSE DESC:		Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	PHYS	2051H	General Physics for Physics and Astronomy Majors	LEC	EL	5	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 266A or 266B or (2301 or concurrent)							
		COURSE DESC:		First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: vectors and motion of objects, velocity and acceleration, forces, linear momentum, Newton's Laws, work and energy, conservation of momentum and energy, angular momentum, conservation of angular momentum, oscillations, fluids, heat and the First Law of thermodynamics, heat engines and refrigerators.									
A&S	PHYS	PHYS	2051H	General Physics for Physics and Astronomy Majors	LEC	LE	5	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 266A or 266B or (2301 or concurrent)							
		COURSE DESC:		First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: vectors and motion of objects, velocity and acceleration, forces, linear momentum, Newton's Laws, work and energy, conservation of momentum and energy, angular momentum, conservation of angular momentum, oscillations, fluids, heat and the First Law of thermodynamics, heat engines and refrigerators.									
A&S	PHYS	PHYS	2052	General Physics	LAB	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and PHYS 2051							
		COURSE DESC:		Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	PHYS	2052	General Physics	LAB	LB	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and PHYS 2051							
		COURSE DESC:		Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	PHYS	2052	General Physics	LEC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and PHYS 2051							
		COURSE DESC:		Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	PHYS	2052	General Physics	LEC	LE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and PHYS 2051							
		COURSE DESC:		Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	PHYS	2052	General Physics	REC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and PHYS 2051							
		COURSE DESC:		Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	PHYS	2052H	General Physics for Physics and Astronomy Majors	LEC	EL	5	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and (PHYS 2051 or 2051H)							
		COURSE DESC:		First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: traveling waves, standing waves, interference of waves, optics including reflection and refraction, electric forces, electric field, electric potential, electric current, electronic circuits, magnetic field, induction, and electromagnetic waves.									
A&S	PHYS	PHYS	2052H	General Physics for Physics and Astronomy Majors	LEC	LE	5	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and (PHYS 2051 or 2051H)							
		COURSE DESC:		First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: traveling waves, standing waves, interference of waves, optics including reflection and refraction, electric forces, electric field, electric potential, electric current, electronic circuits, magnetic field, induction, and electromagnetic waves.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	2053	Contemporary Physics: Relativity and Quantum Phenomena	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2052									
		COURSE DESC:		Introduction to relativity and quantum theory: selected topics in atomic, solid state, nuclear, particles, and cosmology. Einstein's theory of special relativity, the uncertainty principle, Schrodinger's wave equation with applications, atomic structure, nuclear structure, elementary particles and a short introduction to cosmology.									
A&S	PHYS	PHYS	2053	Contemporary Physics: Relativity and Quantum Phenomena	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2052									
		COURSE DESC:		Introduction to relativity and quantum theory: selected topics in atomic, solid state, nuclear, particles, and cosmology. Einstein's theory of special relativity, the uncertainty principle, Schrodinger's wave equation with applications, atomic structure, nuclear structure, elementary particles and a short introduction to cosmology.									
A&S	PHYS	PHYS	2301	General Physics with Biological Applications	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or (2001 and MATH 2301)									
		COURSE DESC:		Classical physics with calculus, emphasizing biological and medical applications. Topics include fluids, waves, sound, electricity, magnetism, optics and topics in modern physics.									
A&S	PHYS	PHYS	2301	General Physics with Biological Applications	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or (2001 and MATH 2301)									
		COURSE DESC:		Classical physics with calculus, emphasizing biological and medical applications. Topics include fluids, waves, sound, electricity, magnetism, optics and topics in modern physics.									
A&S	PHYS	PHYS	2701	Electronics Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PHYS 2002 or 2052 or 2052H) and physics major									
		COURSE DESC:		Introduction to basic electronic circuits from analog to digital. Integrates the electronic circuit design and analysis with hands-on circuit construction. Covers DC circuit elements, transistors, FETs, op amp circuits, timers, and introduction to digital electronics.									
A&S	PHYS	PHYS	2900	Special Topics in Physics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	2900	Special Topics in Physics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	2930	Special Studies	IND	EL	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Special studies in physics under supervision of faculty member.									
A&S	PHYS	PHYS	2930	Special Studies	IND	IS	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Special studies in physics under supervision of faculty member.									
A&S	PHYS	PHYS	2970T	Physics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		First year tutorial studies in physics.									
A&S	PHYS	PHYS	2980T	Physics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		First-year tutorial studies in physics.									
A&S	PHYS	PHYS	3001	Mechanics	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and PHYS 2052									
		COURSE DESC:		Fundamentals of physical mechanics using vector analysis and ordinary differential equations. Particle dynamics, conservative and non-conservative forces, conservation laws, accelerating reference frames and inertial forces, Lagrangian methods, central forces, celestial mechanics, many-particle systems, and rigid body dynamics.									
A&S	PHYS	PHYS	3011	Thermal Physics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and PHYS 2052									
		COURSE DESC:		First and Second laws of thermodynamics, phase changes, and entropy. Temperature, thermodynamic variables, equations of state, heat engine. Introduction to statistical physics: statistical interpretation of first and second laws of thermodynamics, microcanonical, canonical and grand canonical ensembles, partition functions, classical (Boltzmann) and quantum (Fermi and Bose-Einstein) statistics applied to ideal gas.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	3401	Introduction to Mathematical Physics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A first class in Mathematical Physics. Mathematical methods such as multivariate calculus, linear algebra, partial differential equations and Fourier analysis are discussed and applied to a variety of physics problems. The emphasis in this course is on solving physics problems using these techniques, and on the way that mathematics allows a quantitative description of physical phenomena.	LEC	EL	3	0		N	U30		0
A&S	PHYS	PHYS	3401	Introduction to Mathematical Physics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A first class in Mathematical Physics. Mathematical methods such as multivariate calculus, linear algebra, partial differential equations and Fourier analysis are discussed and applied to a variety of physics problems. The emphasis in this course is on solving physics problems using these techniques, and on the way that mathematics allows a quantitative description of physical phenomena.	LEC	LE	3	0		N	U30		0
A&S	PHYS	PHYS	3701	Intermediate Laboratory - Electrons & Photons ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Fundamental experiments on electron properties including charge and mass, wave properties, atomic binding, spin, and conduction. Experiments on photon properties involving optics and lasers.	LAB	LB	2	0		N	U30		0
A&S	PHYS	PHYS	3702	Intermediate Laboratory - Photons & Nucleons ELIGIBLE GRADES: GEC1: A-F COURSE DESC: X-ray diffraction and x-ray spectroscopy. Nuclear decay modes and alpha, beta, & gamma decay spectroscopy. Nuclear reactions and scattering. Principles of operation of alpha, beta, x-ray, gamma, and neutron detectors and data acquisition systems.	LAB	LB	2	0		N	U30		0
A&S	PHYS	PHYS	3970T	Physics Tutorial ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Second-year tutorial studies in physics.	TUT	TU	1 to 15	15		N	U30		0
A&S	PHYS	PHYS	3980T	Physics Tutorial ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Second-year tutorial studies in physics.	TUT	TU	1 to 15	15		N	U30		0
A&S	PHYS	PHYS	4021	Introduction to Quantum Mechanics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of the theory and application of quantum mechanics. Short historical introduction to quantum mechanics; solutions of one-dimensional Schroedinger equation (wells, barriers, tunneling); formalism of quantum mechanics (Dirac notation, state vector, representation theory, operators, bases, measurement, uncertainty principle, Hilbert space); quantum harmonic oscillator (position representation and ladder operators); central potentials and angular momentum; bound states of central potentials (spherical square well and hydrogen atom); identical particles and spin, brief treatment of single-particle theory (Hartree approximation).	LEC	LE	3	0		N	U30		0
A&S	PHYS	PHYS	4031	Electricity and Magnetism 1 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic concepts of the physics of time independent electric and magnetic fields in vacuum and in matter and application of vector analysis as the adequate mathematical tool for quantitative predictions. Topics include: Vector analysis review, electrostatic fields and potentials, energy and work in electrostatics, electrostatic fields and potentials in the presence of conductors, mathematical techniques to determine electrostatic fields and potentials, electrostatic fields in matter, electric polarization and displacement, effects of magnetostatic fields on charges, generation of magnetostatic fields by steady currents, Biot Savart Law, vector potential, magneto static fields in matter, magnetization and magnetic susceptibility, Ferromagnetism.	LEC	LE	3	0		N	U30		0
A&S	PHYS	PHYS	4032	Electricity and Magnetism 2 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic concepts of the physics of time dependent electric fields in vacuum and in matter with intensive use of vector analysis as the adequate mathematical tool for quantitative predictions. Topics include: Electromotive force, electromagnetic induction, Maxwell's equations, Conservation of energy and Poynting vector, conservation of momentum and Maxwell's stress tensor, conservation of charge and equation of continuity, plane electromagnetic waves in vacuum and matter, wave guides, scalar and vector potentials, gauge transformations, retardation and Lienard-Wiechert potentials, dipole radiation, radiation by point charges, review of special relativity, relativistic notation of electrodynamics.	LEC	LE	3	0		N	U30		0
A&S	PHYS	PHYS	4041	Mathematical Methods in Physics 1 ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Mathematical methods, such as multivariate calculus, differential equations, series, complex analysis, and Fourier analysis, will be discussed and applied to a variety of physics problems. The emphasis is on problem solving using these techniques, and on their unity across the discipline of physics.	LEC	LE	3	0		N	U30		0
A&S	PHYS	PHYS	4051	Modern Physics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Designed to review and summarize the theoretical ideas of modern physics, and to examine applications to atomic spectra, nuclear and particle physics, quantum fluids and solid state physics. This is expected to be a capstone course in modern physics, so students are expected to have a solid grounding in quantum mechanics and contemporary physics.	LEC	LE	3	0	3	N	U30		0
A&S	PHYS	PHYS	4061	Geometrical and Physical Optics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The behavior of light in both classical and quantum realms. Topics covered include: geometrical optics, the wave nature of light, interference, polarization, diffraction, the optical properties of materials, holography, and selected modern applications.	LEC	LE	3	0		N	U30		0

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	4071	Computer Simulation Methods in Physics	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
		COURSE DESC:		Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.									
A&S	PHYS	PHYS	4071	Computer Simulation Methods in Physics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
		COURSE DESC:		Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.									
A&S	PHYS	PHYS	4071	Computer Simulation Methods in Physics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
		COURSE DESC:		Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.									
A&S	PHYS	PHYS	4071	Computer Simulation Methods in Physics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
		COURSE DESC:		Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.									
A&S	PHYS	PHYS	4301	Cell and Molecular Biophysics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 and CHEM 1510 and PHYS 2052									
		COURSE DESC:		Introduction to the physical principles that underlie phenomena in cell biology and the properties of biomolecules. Topics covered will include an introduction to molecular biology, Brownian motion, molecular interactions in macromolecules, protein and nucleic acid structure, physics of biopolymers, chemical kinetics, mechanical and adhesive properties of biomolecules, molecular manipulation techniques, cell membrane structure, membrane channels and pumps, molecular motors and biorheology.									
A&S	PHYS	PHYS	4411	Electronic Device Physics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2052									
		COURSE DESC:		Physical principles of electronic devices. Overview of electronic transport in solids with application to diodes, bipolar transistors, and field-effect transistors. Heterostructures and low-dimensional physics and devices. Selected condensed matter phenomena with electronic device applications; resonant tunneling, Landauer formalism, single-electron physics, molecular electronics, and spintronics.									
A&S	PHYS	PHYS	4511	Introduction to Radiation Physics	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2002 or 2053									
		COURSE DESC:		An introduction to radiation, natural and artificial sources of radiation for physical scientists and engineers. Topics covered include: description of natural and man-made sources of radiation; the interaction of radiation with biological systems; natural radiation background and risk assessment; exploration of radiation-based cancer treatment and medical imaging.									
A&S	PHYS	PHYS	4701	Electronics Measurement Laboratory	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 3702									
		COURSE DESC:		Experiments in electronic measurement techniques from simple analog and digital circuits to microprocessors and analyzers. The topics to be covered include: DC circuits, capacitors, diode circuits, transistors, emitter follower, common emitter amplifier, differential amplifier, FETs, operational amplifiers, feedback, inverting amplifiers, summing amplifiers, integrators, positive feedback, frequency compensation, FET switches, voltage regulators, and digital logic.									
A&S	PHYS	PHYS	4711	Advanced Laboratory	LAB	LB	1 to 3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 3702									
		COURSE DESC:		Wide selection of experiments from many areas of physics. Limit of two students per section. Student may select up to three different sections each semester.									
A&S	PHYS	PHYS	4801	Acoustics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and PHYS 3001									
		COURSE DESC:		An advanced course that deals with all aspects of modern acoustics, including advanced mathematical concepts. Vibration in solid and liquid systems, sound radiation, sound propagation, and practical aspects of sound will be discussed in detail and examined with a comprehensive sets of problems for the student that will clarify the theory and practice of acoustics.									
A&S	PHYS	PHYS	4811	Dynamic Meteorology 1	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3400 and (PHYS 3011 or concurrent)									
		COURSE DESC:		Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.									
A&S	PHYS	PHYS	4811	Dynamic Meteorology 1	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3400 and (PHYS 3011 or concurrent)									
		COURSE DESC:		Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.									
A&S	PHYS	PHYS	4812	Dynamic Meteorology 2	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 4811									
		COURSE DESC:		Continuation of 4811. Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere. Energy balance in the atmosphere, thermal physics of the atmosphere. Synoptic scale motions, atmospheric oscillations, baroclinic instabilities, mesoscale circulation, numerical methods. Special topics in dynamical meteorology.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	4812	Dynamic Meteorology 2	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 4811									
		COURSE DESC:		Continuation of 4811. Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere. Energy balance in the atmosphere, thermal physics of the atmosphere. Synoptic scale motions, atmospheric oscillations, baroclinic instabilities, mesoscale circulation, numerical methods. Special topics in dynamical meteorology.									
A&S	PHYS	PHYS	4900	Special Topics in Physics	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	4900	Special Topics in Physics	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	4930	Special Problems	IND	EL	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 15 Hours in PHYS									
		COURSE DESC:		Supervised research on problems of limited scope in experimental and/or theoretical physics.									
A&S	PHYS	PHYS	4930	Special Problems	IND	IS	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 15 Hours in PHYS									
		COURSE DESC:		Supervised research on problems of limited scope in experimental and/or theoretical physics.									
A&S	PHYS	PHYS	4940H	Honors Thesis	RSC	RS	1 to 6	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC or Dept Honors Candidacy									
		COURSE DESC:		Supervised research work in physics, astronomy, or applied physics, intended for submission for undergraduate honors.									
A&S	PHYS	PHYS	4942	Undergraduate Seminar	SEM	SE	1	2		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Important areas of current interest in field of physics, history of physics, development of ideas in physics, and other aspects of physics.									
A&S	PHYS	PHYS	4970T	Physics Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Third- and fourth-year tutorial studies in physics.									
A&S	PHYS	PHYS	4980T	HTC Thesis Research	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR HTC Thesis research									
A&S	PHYS	PHYS	5001	Mechanics	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamentals of physical mechanics using vector analysis and ordinary differential equations. Particle dynamics, conservative and non-conservative forces, conservation laws, accelerating reference frames and inertial forces, Lagrangian methods, central forces, celestial mechanics, many-particle systems, and rigid body dynamics.									
A&S	PHYS	PHYS	5011	Thermal Physics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		First and Second laws of thermodynamics, phase changes, and entropy. Temperature, thermodynamic variables, equations of state, heat engine. Introduction to statistical physics: statistical interpretation of first and second laws of thermodynamics, microcanonical, canonical and grand canonical ensembles, partition functions, classical (Boltzmann) and quantum (Fermi and Bose-Einstein) statistics applied to ideal gas.									
A&S	PHYS	PHYS	5021	Introduction to Quantum Mechanics	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey of the theory and application of quantum mechanics. Short historical introduction to quantum mechanics; topics in one-dimensional (wells, barriers, tunneling); formalism of quantum mechanics (Dirac notation, state vector, representation theory, operators, bases, measurement, uncertainty principle, Hilbert space); quantum harmonic oscillator (position representation and ladder operators); central potentials and angular momentum; bound states of central potentials (spherical square well and hydrogen atom); identical particles and spin, brief treatment of single-particle theory (Hartree approximation).									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	5021	Introduction to Quantum Mechanics GEC1: A-F REQUISITE: A survey of the theory and application of quantum mechanics. Short historical introduction to quantum mechanics; topics in one-dimensional (wells, barriers, tunneling); formalism of quantum mechanics (Dirac notation, state vector, representation theory, operators, bases, measurement, uncertainty principle, Hilbert space); quantum harmonic oscillator (position representation and ladder operators); central potentials and angular momentum; bound states of central potentials (spherical square well and hydrogen atom); identical particles and spin, brief treatment of single-particle theory (Hartree approximation).	LEC	LE	5	0		N	G50		0
A&S	PHYS	PHYS	5031	Electricity and Magnetism 1 GEC1: A-F REQUISITE: Basic concepts of the physics of time independent electric and magnetic fields in vacuum and in matter. It further conveys the application of vector analysis as the adequate mathematical tool for quantitative predictions. Topics include: Vector analysis review, electrostatic fields and potentials, energy and work in electrostatics, electrostatic fields and potentials in the presence of conductors, mathematical techniques to determine electrostatic fields and potentials, electrostatic fields in matter, electric polarization and displacement, effects of magnetostatic fields on charges, generation of magnetostatic fields by steady currents, Biot Savart Law, vector potential, magnetostatic fields in matter, magnetization and magnetic susceptibility, Ferromagnetism.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	5032	Electricity and Magnetism 2 GEC1: A-F REQUISITE: Basic concepts of the physics of time dependent electric fields in vacuum and in matter. It makes intensive use of vector analysis as the adequate mathematical tool for quantitative predictions. Topics include: Electromotive force, electromagnetic induction, Maxwell's equations, Conservation of energy and Poynting vector, conservation of momentum and Maxwell's stress tensor, conservation of charge and equation of continuity, plane electromagnetic waves in vacuum and matter, wave guides, scalar and vector potentials, gauge transformations, retardation and Lienard-Wiechert potentials, dipole radiation, radiation by point charges, review of special relativity, relativistic notation of electrodynamics	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	5041	Mathematical Methods in Physics 1 GEC1: A-F REQUISITE: Mathematical methods, such as multivariate calculus, differential equations, series, complex analysis, and Fourier analysis, will be discussed and applied to a variety of physics problems. The emphasis is on problem solving using these techniques, and on their unity across the discipline of physics.	DIS	DI	5	0		N	G50		0
A&S	PHYS	PHYS	5041	Mathematical Methods in Physics 1 GEC1: A-F REQUISITE: Mathematical methods, such as multivariate calculus, differential equations, series, complex analysis, and Fourier analysis, will be discussed and applied to a variety of physics problems. The emphasis is on problem solving using these techniques, and on their unity across the discipline of physics.	LEC	LE	5	0		N	G50		0
A&S	PHYS	PHYS	5051	Modern Physics Theory and Applications GEC1: A-F REQUISITE: This course is designed to review and summarize the theoretical ideas of modern physics, and to examine applications to atomic spectra, nuclear and particle physics, quantum fluids and solid state physics. This is expected to be a capstone course in modern physics, so students are expected to have a solid grounding in quantum mechanics and contemporary physics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	5061	Geometrical and Physical Optics GEC1: A-F REQUISITE: The behavior of light in both classical and quantum realms. Topics covered include: geometrical optics, the wave nature of light, interference, polarization, diffraction, the optical properties of materials, holography, and selected modern applications.	LEC	LE	3	0		N	G50		0
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics GEC1: A-F REQUISITE: Previous experience with programming languages required. Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.	LAB	EL	4	0		N	G50		0
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics GEC1: A-F REQUISITE: Previous experience with programming languages required. Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.	LAB	LB	4	0		N	G50		0
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics GEC1: A-F REQUISITE: Previous experience with programming languages required. Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.	LEC	EL	4	0		N	G50		0
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics GEC1: A-F REQUISITE: Previous experience with programming languages required. Introduction to numerical methods used to solve problems in physics. Students are introduced to basic numerical methods and to the process of approaching problems from a computational point of view. Topics covered include differentiation and integration methods, numerical error analysis, data fitting, matrix methods, Monte Carlo strategies.	LEC	LE	4	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	5101	Topics in Science for Elementary and Secondary Schools	SEM	EL	1 to 4	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics related to the teaching of natural science in grades K-12. May be repeated for credit. May not be used for credit toward a physics degree.									
A&S	PHYS	PHYS	5101	Topics in Science for Elementary and Secondary Schools	SEM	SE	1 to 4	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Selected topics related to the teaching of natural science in grades K-12. May be repeated for credit. May not be used for credit toward a physics degree.									
A&S	PHYS	PHYS	5301	Cell and Molecular Biophysics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to the physical principles that underlie phenomena in cell biology and the properties of biomolecules. Topics covered will include an introduction to molecular biology, Brownian motion, molecular interactions in macromolecules, protein and nucleic acid structure, physics of biopolymers, chemical kinetics, mechanical and adhesive properties of biomolecules, molecular manipulation techniques, cell membrane structure, membrane channels and pumps, molecular motors and biotheology.									
A&S	PHYS	PHYS	5411	Electronic Device Physics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Physical principles of electronic devices. Overview of electronic transport in solids with application to diodes, bipolar transistors, and field-effect transistors. Heterostructures and low-dimensional physics and devices. Selected condensed matter phenomena with electronic device applications; resonant tunneling, Landauer formalism, single-electron physics, molecular electronics, and spintronics.									
A&S	PHYS	PHYS	5511	Introduction to Radiation Physics	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to radiation, natural and artificial sources of radiation for physical scientists and engineers. Topics covered include: description of natural and man-made sources of radiation; the interaction of radiation with biological systems; natural radiation background and risk assessment; exploration of radiation-based cancer treatment and medical imaging.									
A&S	PHYS	PHYS	5701	Electronics Measurement Laboratory	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Experiments in electronic measurement techniques from simple analog and digital circuits to microprocessors and analyzers. The topics to be covered include: DC circuits, capacitors, diode circuits, transistors, emitter follower, common emitter amplifier, differential amplifier, FETs, operational amplifiers, feedback, inverting amplifiers, summing amplifiers, integrators, positive feedback, frequency compensation, FET switches, voltage regulators, and digital logic.									
A&S	PHYS	PHYS	5801	Acoustics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An advanced course that deals with all aspects of modern acoustics, including advanced mathematical concepts. Vibration in solid and liquid systems, sound radiation, sound propagation, and practical aspects of sound will be discussed in detail and examined with a comprehensive sets of problems for the student that will clarify the theory and practice of acoustics.									
A&S	PHYS	PHYS	5811	Dynamic Meteorology 1	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.									
A&S	PHYS	PHYS	5811	Dynamic Meteorology 1	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.									
A&S	PHYS	PHYS	5812	Dynamic Meteorology 2	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of 4811. Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere. Energy balance in the atmosphere, thermal physics of the atmosphere. Synoptic scale motions, atmospheric oscillations, baroclinic instabilities, mesoscale circulation, numerical methods. Special topics in dynamical meteorology.									
A&S	PHYS	PHYS	5812	Dynamic Meteorology 2	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of 4811. Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere. Energy balance in the atmosphere, thermal physics of the atmosphere. Synoptic scale motions, atmospheric oscillations, baroclinic instabilities, mesoscale circulation, numerical methods. Special topics in dynamical meteorology.									
A&S	PHYS	PHYS	5900	Special Topics in Physics	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	5900	Special Topics in Physics	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	6001	Classical Mechanics	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The techniques necessary to treat point-mass systems and extended rigid bodies under the influence of varied forces using both traditional and modern methods will be presented. Topics covered will include variational principles and Lagrange's equations, the central force problem, small amplitude oscillations, rigid body motion, and Hamilton's formulation of classical mechanics. Examples of applications extend to a wide variety of physical, astronomical, chemical, and engineering problems. Mathematical complements for each topic are an integral part of this course.									
A&S	PHYS	PHYS	6001	Classical Mechanics	DIS	EL	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The techniques necessary to treat point-mass systems and extended rigid bodies under the influence of varied forces using both traditional and modern methods will be presented. Topics covered will include variational principles and Lagrange's equations, the central force problem, small amplitude oscillations, rigid body motion, and Hamilton's formulation of classical mechanics. Examples of applications extend to a wide variety of physical, astronomical, chemical, and engineering problems. Mathematical complements for each topic are an integral part of this course.									
A&S	PHYS	PHYS	6001	Classical Mechanics	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The techniques necessary to treat point-mass systems and extended rigid bodies under the influence of varied forces using both traditional and modern methods will be presented. Topics covered will include variational principles and Lagrange's equations, the central force problem, small amplitude oscillations, rigid body motion, and Hamilton's formulation of classical mechanics. Examples of applications extend to a wide variety of physical, astronomical, chemical, and engineering problems. Mathematical complements for each topic are an integral part of this course.									
A&S	PHYS	PHYS	6002	Advanced Topics in Analytical Mechanics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced topics in Classical Mechanics and applications to classical behaviors of solids, fluids, and fields. Hamiltonian Mechanics (Canonical Transformation, Action-Angle coordinates, Poisson Brackets, Hamilton-Jacobi Theory, Canonical Perturbation Theory, Integrability and Chaos), Continuum Mechanics of elastic solids (strain and stress tensors, elastic waves), Hydrodynamics (Conservation laws and Euler's equations, Viscosity and Navier-Stokes equations, Vorticity), Classical theory of fields.									
A&S	PHYS	PHYS	6011	Statistical Mechanics 1	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses the equilibrium and non-equilibrium behaviors of systems with large numbers of particles or degrees of freedom. It will begin with a review of ensembles and partition functions to treat classical and quantum, non-interacting, non-relativistic systems obeying Boltzmann, Fermi and Bose statistics. A brief discussion of the extension to relativistic particles, as well as a description of interacting classical and quantum systems (e.g. using cluster and virial expansions) will be provided. Mean-field theories, phase transitions and critical exponents will then be treated. Some non-equilibrium phenomena, including the Boltzmann equation and transport coefficients, will also be discussed. Additional topics which may be covered include: an introduction to renormalization-group methods; continuum-model descriptions (hydrodynamic description) for classical and quantum systems; stochastic processes, e.g. random walk and master equation; and an introduction to disordered systems.(hydrodynamic description) for classical and quantum systems; introduction to disordered systems.									
A&S	PHYS	PHYS	6011	Statistical Mechanics 1	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses the equilibrium and non-equilibrium behaviors of systems with large numbers of particles or degrees of freedom. It will begin with a review of ensembles and partition functions to treat classical and quantum, non-interacting, non-relativistic systems obeying Boltzmann, Fermi and Bose statistics. A brief discussion of the extension to relativistic particles, as well as a description of interacting classical and quantum systems (e.g. using cluster and virial expansions) will be provided. Mean-field theories, phase transitions and critical exponents will then be treated. Some non-equilibrium phenomena, including the Boltzmann equation and transport coefficients, will also be discussed. Additional topics which may be covered include: an introduction to renormalization-group methods; continuum-model descriptions (hydrodynamic description) for classical and quantum systems; stochastic processes, e.g. random walk and master equation; and an introduction to disordered systems.(hydrodynamic description) for classical and quantum systems; introduction to disordered systems.									
A&S	PHYS	PHYS	6020	Quantum Mechanics I	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course develops the theory and applications of quantum mechanics. Topics include: formalism of general quantum theory (Dirac notation, representation theory, Hilbert vector space, operators, bases, measurement, uncertainty principle), quantum harmonic oscillator (ladder operators), formal theory for angular momentum (orbital, spin and generalized angular momentum operators), systems of identical particles, relation between spin and statistics (bosons and fermions). Introduction to interacting systems and mean field techniques.									
A&S	PHYS	PHYS	6020	Quantum Mechanics I	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course develops the theory and applications of quantum mechanics. Topics include: formalism of general quantum theory (Dirac notation, representation theory, Hilbert vector space, operators, bases, measurement, uncertainty principle), quantum harmonic oscillator (ladder operators), formal theory for angular momentum (orbital, spin and generalized angular momentum operators), systems of identical particles, relation between spin and statistics (bosons and fermions). Introduction to interacting systems and mean field techniques.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	6021	Quantum Mechanics 2 GEC1: A-F REQUISITE: PHYS 5021 Quantum mechanics beyond 5021. Topics to be covered: symmetry in quantum mechanics (space and time displacements; rotations and angular momentum, addition of angular momentum, tensor operators); scattering theory in 3D (cross sections, partial waves, optical theorem, Born approximation, resonances, Coulomb scattering); approximation methods for stationary states (non-degenerate and degenerate perturbation theory, Brillouin-Wigner expansion, variational methods); time-dependent approximation methods, golden rule; Second quantization (field theory, second quantization for fermions and bosons, electromagnetic field); introduction to relativistic quantum mechanics for electrons.	DIS	DI	5	0		N	G50		0
A&S	PHYS	PHYS	6021	Quantum Mechanics 2 GEC1: A-F REQUISITE: PHYS 5021 Quantum mechanics beyond 5021. Topics to be covered: symmetry in quantum mechanics (space and time displacements; rotations and angular momentum, addition of angular momentum, tensor operators); scattering theory in 3D (cross sections, partial waves, optical theorem, Born approximation, resonances, Coulomb scattering); approximation methods for stationary states (non-degenerate and degenerate perturbation theory, Brillouin-Wigner expansion, variational methods); time-dependent approximation methods, golden rule; Second quantization (field theory, second quantization for fermions and bosons, electromagnetic field); introduction to relativistic quantum mechanics for electrons.	LEC	LE	5	0		N	G50		0
A&S	PHYS	PHYS	6031	Electrodynamics 1 GEC1: A-F REQUISITE: PHYS 5041 Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.	DIS	DI	5	0		N	G50		0
A&S	PHYS	PHYS	6031	Electrodynamics 1 GEC1: A-F REQUISITE: PHYS 5041 Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.	LEC	LE	5	0		N	G50		0
A&S	PHYS	PHYS	6032	Electrodynamics 2 GEC1: A-F REQUISITE: Continuation of PHYS 6031 with additional applications of Maxwell's equations and special relativity. Topics covered include: electromagnetic waves in confined spatial regions; dynamics of relativistic particle and electromagnetic fields; multipole fields; collisions, energy loss, and scattering of charged particles, Cherenkov and transition radiation; bremsstrahlung, virtual quanta, radiative beta processes; and radiation damping.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	6041	Mathematical Methods in Physics 2 GEC1: A-F REQUISITE: Mathematical techniques used in various subfields of Physics and Astronomy. Topics covered may include complex variables beyond 5041, Sturm-Liouville theory and orthogonal-function expansions, Green functions, properties of various special functions and their appearance in physical situations, non-linear differential equations, integral equations, Group theory, and a basic introduction to Probability and Statistics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	6201	General Relativity and Cosmology GEC1: A-F REQUISITE: Introduction to general relativity. Topics covered include Einstein's field equations, gravitational waves, singular solutions (aka black holes), and cosmology. Emphasis will be placed on cosmological distance measurements, the expansion of the universe, formation of structure, and other observational tests of general relativity.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	6601	Advanced Mathematical and Computational Physics GEC1: A-F REQUISITE: Advanced computational and mathematical methods employed in theoretical physics. Examples include: approximate solutions of the Hausdorff moment problem, maximum-entropy and Bayesian methods, numerical linear algebra for large systems, solution of integral equations, iterative solutions for systems of nonlinear differential and integro-differential equations. Applications to current problems in theoretical physics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	6701	Experimental Techniques GEC1: A-F REQUISITE: Directed laboratory work with a particular faculty member. Subtopics may include: types of detectors and instrumentation common within the subfield; analysis tools and statistical analysis; good laboratory practices, such as note-taking and documentation of analysis steps; presentation of results and conclusions both in written and verbal forms.	LAB	LB	1 to 4	8		N	G50		0
A&S	PHYS	PHYS	6741	Graduate Laboratory: Condensed Matter & Biophysics GEC1: A-F REQUISITE: Selected experimental techniques used to measure structural and electronic properties of solid materials and materials surfaces as well as physical properties of biological systems. Experimental techniques available include X-ray Diffraction, Scanning Electron Microscopy and Laser Tweezers.	LAB	LB	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	6751	Graduate Laboratory: Nuclear and Particle	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Laboratory techniques and practices in nuclear and particle physics. Topics will include: introduction to observable quantities in nuclear physics experiments, introduction to detectors and instrumentation in nuclear and particle physics, operation of experimental instrumentation, data analysis and error analysis. Typical experiments may include: high precision gamma ray spectroscopy, charged particle spectroscopy, accelerator-based nuclear physics measurements, detection of gamma rays or charged particles in scintillation detectors.									
A&S	PHYS	PHYS	6900	Special Topics in Physics	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	6900	Special Topics in Physics	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	PHYS	6940	Special Study	RSC	RS	1 to 15	990		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Supervised individual study at beginning or intermediate graduate level. Can be used for writing M.S. or M.A. paper.									
A&S	PHYS	PHYS	6950	Thesis	THE	TH	1 to 15	990		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Thesis writing in the chosen area of study.									
A&S	PHYS	PHYS	7011	Statistical Mechanics 2	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Statistical physics beyond 6011, with an emphasis on modern topics. Subjects covered will include phase transitions and critical phenomena, mean field and Landau-Ginzburg theory, renormalization-group methods, fluctuation-dissipation relations, stochastic processes, etc. Additional topics may include finite-temperature field theory for Abelian and non-Abelian gauge fields, equilibrium and non-equilibrium properties of plasmas. Applications will include examples in condensed matter systems, bio-physical systems, weakly and strongly interacting plasmas.									
A&S	PHYS	PHYS	7021	Relativistic Quantum Theory and Introduction to Quantum Field Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A first course in relativistic quantum mechanics and quantum field theory. Topics covered include: Poincare invariant quantum mechanics, Klein-Gordon and Dirac equations, relativistic hydrogen atom, classical fields, quantization of the Klein-Gordon and Dirac fields, interacting fields and Feynman diagrams, cross sections, the S-Matrix, and elementary processes of quantum electrodynamics.									
A&S	PHYS	PHYS	7022	Quantum Many-Body Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic concepts, techniques, and phenomena in many-body physics. Techniques include Hartree-Fock approximation and other effective one-particle descriptions; Green's functions and diagrammatic techniques; canonical transformations and variational approaches, path integrals. Concepts: collective excitations and linear response, screening and dielectric functions, quasiparticles and spectral representations, correlations in fermion and boson systems. Applications include electron gas, polarons, metal-insulator transition, magnetism, superconductivity, nuclear matter, and cold atoms.									
A&S	PHYS	PHYS	7023	Quantum Field Theory	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A second course in quantum field theory. Topics to be covered include: perturbative loop corrections to tree-level QED, radiative corrections, bremsstrahlung, LSZ formulation, Ward-Takahashi identities; dimensional regularization, renormalization in perturbation theory (one-loop/two loop), renormalization group; path-integral formulation of quantum field theory, spontaneous symmetry breaking, introduction to non-Abelian gauge theories.									
A&S	PHYS	PHYS	7023	Quantum Field Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		A second course in quantum field theory. Topics to be covered include: perturbative loop corrections to tree-level QED, radiative corrections, bremsstrahlung, LSZ formulation, Ward-Takahashi identities; dimensional regularization, renormalization in perturbation theory (one-loop/two loop), renormalization group; path-integral formulation of quantum field theory, spontaneous symmetry breaking, introduction to non-Abelian gauge theories.									
A&S	PHYS	PHYS	7301	Theoretical and Computational Methods in Biological Physics	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	PHYS 5301						
		COURSE DESC:		Introduces into statistical and stochastic methods underlying activated processes and chemical rate theory, chemical reactions with few molecules and intracellular transport. Organized in modules which may be taught by different instructors if needed. 1. Introduction into stochastic processes and activated processes, 2. Chemical reactions and rate equations 3. Stochastic Modeling of chemical reactions, 4. Intracellular transport I: Diffusion, 5. Intracellular transport II: Active and directed movement									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	7301	Theoretical and Computational Methods in Biological Physics GEC1: A-F REQUISITE: PHYS 5301 COURSE DESC: Introduces into statistical and stochastic methods underlying activated processes and chemical rate theory, chemical reactions with few molecules and intracellular transport. Organized in modules which may be taught by different instructors if needed. 1. Introduction into stochastic processes and activated processes, 2. Chemical reactions and rate equations 3. Stochastic Modeling of chemical reactions, 4. Intracellular transport I: Diffusion, 5. Intracellular transport II: Active and directed movement	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	7401	Condensed Matter Physics 1 GEC1: A-F REQUISITE: COURSE DESC: Atomic and electronic structures of condensed matter and their relations to physical properties. Topic covered will include crystal lattices, symmetry, experimental determination of crystal structures, surfaces and interfaces, complex structures, the single-electron model, electron levels in a periodic potential, nearly free and tightly bound electrons, electron-electron interactions, calculation of band structures, cohesion of solids, elasticity, phonons, dislocations and cracks.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	7402	Condensed Matter Physics 2 GEC1: A-F REQUISITE: COURSE DESC: Continuation of 7401 with focus on electron transport, optical properties, and magnetism. Topics covered will include: dynamics of Bloch electrons, transport phenomena, microscopic theories of conduction and optical properties of semiconductors, insulators, and metals; classical and quantum theories of magnetism and magnetic ordering. Introduction to superconductivity. Phenomenology and theoretical description of glasses and other amorphous materials.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	7403	Contemporary Topics in Condensed Matter Physics GEC1: A-F REQUISITE: COURSE DESC: Background and introduction to current research areas of modern condensed matter physics. Topics include both experimental and theoretical aspects of these areas. Course taught by several instructors, according to their area of expertise.	LEC	EL	3	9		N	G50		0
A&S	PHYS	PHYS	7403	Contemporary Topics in Condensed Matter Physics GEC1: A-F REQUISITE: COURSE DESC: Background and introduction to current research areas of modern condensed matter physics. Topics include both experimental and theoretical aspects of these areas. Course taught by several instructors, according to their area of expertise.	LEC	LE	3	9		N	G50		0
A&S	PHYS	PHYS	7411	The Physics of Nanostructures GEC1: A-F REQUISITE: COURSE DESC: Covers selected topics of the physics of semiconductor nanostructures and nanocrystals, including: electronic states in crystals and nanocrystals; transport through nanostructures: tunneling, Coulomb blockade, conductance formalisms; optical properties of quantum wells, wires and dots; many-particle states in quantum dots; plasmonics and its applications; spin-orbit interaction and spin phenomena in semiconductor nanostructures, including transport and optics of spins.	LEC	LE	3	0		N	G50		0
A&S	PHYS	PHYS	7421	Physics of Amorphous Materials GEC1: A-F REQUISITE: COURSE DESC: An advanced course surveying aspects of disordered materials, including theory, simulation and experimental aspects. Topics will include the characterization of disorder and comparisons to experiments probing structure, such as diffraction and nuclear magnetic resonance. Classical liquids and the phenomenology of glasses and the glass transition is discussed. Methods for creating computer models are covered in detail, along with case studies of particular systems. Theory of electronic structure, including electronic localization, vibrations of amorphous materials, atomic and charge carrier transport are discussed and the course closes with a survey of applications.	LEC	LE	3	0		N	G50		0
A&S	PHYS	PHYS	7461	Methods in Condensed Matter Theory GEC1: A-F REQUISITE: COURSE DESC: Selected theoretical and/or computational methods applied to classical and quantum condensed matter systems. Methods discussed may include density-functional theory, ab-initio molecular dynamics, Monte Carlo techniques, perturbative renormalization group methods, non-equilibrium Green's functions, bosonization, etc. Applications will be to classical and quantum liquids, strongly correlated materials, glasses, surface phenomena, etc.	LEC	LE	3	0		N	G50		0
A&S	PHYS	PHYS	7501	Particles and Nuclei 1 GEC1: A-F REQUISITE: COURSE DESC: Experimental and basic theoretical aspects of nuclear physics. Topics covered will include: overview of basic nuclear models of light and heavy nuclei, nuclear mean-field theory, inclusion of residual interactions, collective modes of motions, deformations of nuclei. Also covers nuclear physics at extremes of stability and/or nuclear astrophysics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	PHYS	7502	Particles and Nuclei 2 GEC1: A-F REQUISITE: COURSE DESC: Experimental and basic theoretical aspects of Particle Physics. Topics covered will include: Relativistic kinematics, Symmetry properties, Bound states (meson and baryons), Feynman calculus, Quantum Electrodynamics, Electrodynamics and Chromodynamics of quarks, weak interactions and electroweak unification and gauge theories. Hadronic physics, neutrino physics and/or relativistic heavy-ion physics will also be covered.	LEC	EL	4	0		N	G50		0
A&S	PHYS	PHYS	7502	Particles and Nuclei 2 GEC1: A-F REQUISITE: COURSE DESC: Experimental and basic theoretical aspects of Particle Physics. Topics covered will include: Relativistic kinematics, Symmetry properties, Bound states (meson and baryons), Feynman calculus, Quantum Electrodynamics, Electrodynamics and Chromodynamics of quarks, weak interactions and electroweak unification and gauge theories. Hadronic physics, neutrino physics and/or relativistic heavy-ion physics will also be covered.	LEC	LE	4	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	7511	Applied Nuclear Physics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Acquaints the student with the most important aspects of nuclear technologies: nuclear power, isotope production, nuclear medicine, industrial applications, and nuclear security issues. The required tools to achieve a good understanding of these subjects are: understanding of passage of particles through matter, accelerator technology, beamline optics, and nuclear data (cross sections, masses, structure data). The class would be required for the 'Applied Nuclear Physics' M.Sc. degree, and it would be recommended for any student taking a M.Sc. or Ph.D. degree in nuclear or particle physics.									
A&S	PHYS	PHYS	7511	Applied Nuclear Physics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Acquaints the student with the most important aspects of nuclear technologies: nuclear power, isotope production, nuclear medicine, industrial applications, and nuclear security issues. The required tools to achieve a good understanding of these subjects are: understanding of passage of particles through matter, accelerator technology, beamline optics, and nuclear data (cross sections, masses, structure data). The class would be required for the 'Applied Nuclear Physics' M.Sc. degree, and it would be recommended for any student taking a M.Sc. or Ph.D. degree in nuclear or particle physics.									
A&S	PHYS	PHYS	7561	Contemporary Nuclear Theory: The Study of Strongly-interacting Matter	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Theoretical topics in contemporary nuclear physics. Emphasis will be on giving students calculations to complete which promote understanding of issues at the forefront of contemporary research. Areas to be discussed may include: lattice QCD, models of hadron structure, the nucleon-nucleon interaction, ab initio calculations of light nuclei, the electromagnetic structure of hadrons and light nuclei, factorization in QCD, parton distribution functions, modification of pdfs in the nuclear environment, predictions for heavy-ion collisions, properties of strongly interacting matter at high densities and temperatures.									
A&S	PHYS	PHYS	7562	Particle Theory	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Discussion of current topics at the frontiers of particle theory, with an emphasis on performing calculations which promote understanding. Topics covered may include: non-Abelian gauge theory, the Standard Model, Field Theories on a Lattice, Supersymmetry, and Introductory String Theory.									
A&S	PHYS	PHYS	7601	Nonlinear Science	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces the students in the basic concepts and theoretical foundations of nonlinear science. Examples will be drawn from various disciplines, including physics, chemistry and biology. Includes an introduction into bifurcation theory, chaos theory, synchronization phenomena, dynamic instabilities, self-organization, and pattern formation in spatially distributed systems. Combines lectures, demonstrations and computational exercises using conventional software and will be team-taught.									
A&S	PHYS	PHYS	8001	Colloquium	LEC	EL	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Presentations of original research and topics of current interest by experts in their fields. All graduate students are required to attend the presentations.									
A&S	PHYS	PHYS	8001	Colloquium	LEC	LE	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Presentations of original research and topics of current interest by experts in their fields. All graduate students are required to attend the presentations.									
A&S	PHYS	PHYS	8011	Seminar	SEM	SE	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR In depth study and investigation of specific topics related to research areas in the department.									
A&S	PHYS	PHYS	8101	Problems in Teaching College Physics	PRA	PR	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Exploration of different issues related to teaching physics at the college level. Topics may include: an introduction to physics education research, the use of technology in teaching physics, practical issues in teaching large lecture courses, and the responsibilities of a faculty member at different types of institutions.									
A&S	PHYS	PHYS	8101	Problems in Teaching College Physics	SEM	EL	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Exploration of different issues related to teaching physics at the college level. Topics may include: an introduction to physics education research, the use of technology in teaching physics, practical issues in teaching large lecture courses, and the responsibilities of a faculty member at different types of institutions.									
A&S	PHYS	PHYS	8101	Problems in Teaching College Physics	SEM	SE	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Exploration of different issues related to teaching physics at the college level. Topics may include: an introduction to physics education research, the use of technology in teaching physics, practical issues in teaching large lecture courses, and the responsibilities of a faculty member at different types of institutions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	8201	Research Seminar in Astrophysics	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Addresses current topics in astrophysics, and provides a forum for presentations by local and visiting researchers.									
A&S	PHYS	PHYS	8301	Research Seminar Biophysics	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study of selected subjects in biophysics. 35 - 50 min presentations by students and/or faculty on basic concepts and novel developments followed by intensive discussion. Subjects of seminars are chosen by students advised by faculty and usually are devoted to recent publications in high-ranked journals such as Nature, Science, PNAS, Biophysical Journal, Physical Review Letters.									
A&S	PHYS	PHYS	8401	Research Seminar in Condensed Matter Physics	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study of selected topics in condensed matter physics via research seminars by renowned scholars on forefront areas of research.									
A&S	PHYS	PHYS	8501	Research Seminar in Nuclear and Particle Physics and Journal Club	SEM	EL	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Consists of presentations of original research and topics of current interest by experts in the fields pertaining to nuclear and particle physics. Journal club where graduate students present and discuss selected refereed scholarly journal articles in the field of nuclear and particle physics under the guidance of faculty. All graduate students in nuclear and particle physics are required to attend.									
				First year graduate students enrolled in this class are only required to attend the journal club, not the research seminar. First-year graduate students are not expected to present research articles. Because of their reduced participation, first-year graduate students qualify for only one credit hour.									
A&S	PHYS	PHYS	8501	Research Seminar in Nuclear and Particle Physics and Journal Club	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Consists of presentations of original research and topics of current interest by experts in the fields pertaining to nuclear and particle physics. Journal club where graduate students present and discuss selected refereed scholarly journal articles in the field of nuclear and particle physics under the guidance of faculty. All graduate students in nuclear and particle physics are required to attend.									
				First year graduate students enrolled in this class are only required to attend the journal club, not the research seminar. First-year graduate students are not expected to present research articles. Because of their reduced participation, first-year graduate students qualify for only one credit hour.									
A&S	PHYS	PHYS	8900	Special Topics in Physics and Astronomy	LEC	LE	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lectures on special topics, often related to current research conducted in the department.									
A&S	PHYS	PHYS	8940	Special Study	RSC	RS	1 to 15	990		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised individual study in preparation for research at doctoral level.									
A&S	PHYS	PHYS	8950	Doctoral Research and Dissertation	THE	TH	1 to 15	990		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised individual research activities in the area of doctoral work.									
A&S	PHYS	PSC	1000	Survey of Astronomy	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		General introduction to astronomy, with emphasis on the structure of the universe beyond our solar system. Topics include historical astronomy, the sun, stars, galaxies, interstellar matter, black holes, the "Big Bang" theory, and the evolution of the universe. No prereq, but familiarity with basic algebra and geometry is beneficial. Must enroll in ASTR 1000.									
A&S	PHYS	PSC	1001	Moons and Planets: The Solar System	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Familiarity with basic algebra and geometry is recommended									
		COURSE DESC:		General introduction to astronomy, with emphasis on our solar system and other planetary systems. Topics (chosen by instructor) may include historical astronomy, the sun, the surfaces, interiors, and atmospheres of the planets, comets, asteroids, and meteor impacts, planets around other stars, and the origin of life. Must enroll in ASTR 1001.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PSC	1010	Physical World	LEC	LE	3	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1011							
		COURSE DESC:		Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.									
A&S	PHYS	PSC	1011	Physical World	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1010							
		COURSE DESC:		Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.									
A&S	PHYS	PSC	1011	Physical World	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1010							
		COURSE DESC:		Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.									
A&S	PHYS	PSC	1050	Color, Light, and Sound	LEC	LE	3	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1051							
		COURSE DESC:		Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.									
A&S	PHYS	PSC	1051	Color, Light, and Sound	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1050							
		COURSE DESC:		Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.									
A&S	PHYS	PSC	1051	Color, Light, and Sound	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: not PSC 1050							
		COURSE DESC:		Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.									
A&S	PHYS	PSC	1110	The Metric System	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to International (Metric) System of Units (SI). Topics include: history of and rationale for SI; SI and its rules for use; metric computation and conversion techniques. Not offered on Athens campus.									
A&S	PHYS	PSC	1110	The Metric System	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to International (Metric) System of Units (SI). Topics include: history of and rationale for SI; SI and its rules for use; metric computation and conversion techniques. Not offered on Athens campus.									
A&S	PHYS	PSC	1310	Nano-Science and Technology	LEC	EL	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introductory course covering an overview of the concept of scale, and of novel phenomena that arise as a function of scale, instrumentation that allows probing systems on the nanoscale, fabrication methods that yield nanoscale geometries, and the influence of this emerging field in our current and future lifestyles.									
A&S	PHYS	PSC	1310	Nano-Science and Technology	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introductory course covering an overview of the concept of scale, and of novel phenomena that arise as a function of scale, instrumentation that allows probing systems on the nanoscale, fabrication methods that yield nanoscale geometries, and the influence of this emerging field in our current and future lifestyles.									
A&S	PHYS	PSC	1350	Energy in a Modern World	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I Quantitative skills							
		COURSE DESC:		Introduces students to the science of energy production, use and the subsequent consequences. Introduces students to the Laws of Thermodynamics: conservation of energy; limits on efficiency. Various energy sources will be investigated and their use and impact discussed. The sources discussed may include: solar; fossil fuel; nuclear; wind; hydro, biomass. The teaching method is primarily through exposition of concepts, the analysis of problems and the use of in-class questions. Assessment of students will involve students demonstrating both their abilities in quantitative and qualitative analysis of problems.									
A&S	PHYS	PSC	1350	Energy in a Modern World	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I Quantitative skills							
		COURSE DESC:		Introduces students to the science of energy production, use and the subsequent consequences. Introduces students to the Laws of Thermodynamics: conservation of energy; limits on efficiency. Various energy sources will be investigated and their use and impact discussed. The sources discussed may include: solar; fossil fuel; nuclear; wind; hydro, biomass. The teaching method is primarily through exposition of concepts, the analysis of problems and the use of in-class questions. Assessment of students will involve students demonstrating both their abilities in quantitative and qualitative analysis of problems.									

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A&S	PHYS	PSC	1400	Observational Astronomy Laboratory	LAB	LB	1	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Experience with telescopes and locating stars, planets, and deep-sky objects in the night sky. Also covers major constellations, seasonal variations, lunar cycles, and, when appropriate, eclipses and comets. Should be taken as ASTR 1400.									
A&S	PHYS	PSC	2050	Life on Other Worlds?	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	4 Hours in (CHEM or GEOL or PHYS or PSC)						
		COURSE DESC:		An exploration of ideas relating to the possibility that life exists elsewhere in the universe, both on planets and moons within our solar system, and within other planetary systems. The course begins by considering our planet's formation and the conditions which may have led to life appearing here, then moves outward. Students will learn the scientific basis of the age of the Earth and the Universe and the physical conditions necessary for planets around other stars to harbor life as we know it. Astronomical observations are discussed regarding what we know about extrasolar planets.									
A&S	PHYS	PSC	2900	Special Topics in Physical Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.								
A&S	PHYS	PSC	2900	Special Topics in Physical Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.								
A&S	PHYS	PSC	5100	Preparing Science Projects for the Classroom	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course gives science education teachers direct experience in creating effective science projects so as to give them the experience necessary to mentor grades 5-12 science students. Students in this course learn to practice science by collecting and analyzing experimental data to solve a self-generated scientific question. Students will be able to apply these skills to produce primary scientific research for science fair projects. Topics include the creation of science project ideas and hypotheses, literature research, planning of experimental protocols and controls, data collection, interpretation of results, construction of conclusions, and organization of oral and written presentations.									
A&S	PHYS	T3	4151	Entropy and Human Activity	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Sr only						
		COURSE DESC:		Examines the application of the concept of entropy to human society as a whole, through the critical reading and discussion of works by advocates of multiple energy sources, using the viewpoints and patterns of inquiry of several disciplines. Energy is conserved, but most physical processes transform available energy into forms less readily available (thereby "increasing entropy"). Several topics in the physical sciences are presented in some detail to provide adequate technical background. World population and per capita consumption are increasing exponentially. Burning fossil fuels creates toxic byproducts and accelerates global warming. Extractive industries (e.g., agriculture and mining) reduce the natural resources available to future generations. Can we expect solar or nuclear power to "save the day?" Should humanity change priorities to minimize increases of entropy? To what extent can physical principles sensibly be generalized so far? These and other questions provide a focus to our inquiry.									
A&S	PHYS	T3	4155	Music Instruments and Physics	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Review of the basic physical principles of sound production, musical sounds and hearing. The more common musical wind instruments are examined using the physical principles developed in the first part of the course. Modern instrument size, shape and construction materials are explored. In the second half of the course, students will build simple musical instruments based on calculations made in class. They learn to play their instruments and evaluate their musical qualities.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POCO	2010	Introduction to Political Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Overview of the realm of political communication, the interactions among political figures, political interests, the press, and the public. Against the background of the American political process, an investigation of those involved in that process, their relationships, and the role of mass and interpersonal communication in these relationships.	LEC	LE	3	0		N	U10		0
A&S	POLS	POCO	2900	Special Topics in Political Communication ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U10		0
A&S	POLS	POCO	2900	Special Topics in Political Communication ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U10		0
A&S	POLS	POCO	4010	Seminar in Political Communication ELIGIBLE GRADES: GEC2: A-F, COURSE DESC: Senior-level research course investigating selected aspects of political communication.	LEC	LE	3	0		I	U30		0
A&S	POLS	POCO	4900	Special Topics in Political Communication ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	POLS	POCO	4900	Special Topics in Political Communication ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	POLS	POLS	1010	Politics in the United States ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines the role of citizenship, participation, and government in the context of American domestic politics.	LEC	LE	3	0	2SS	N	U10	CORRESPOND	75
A&S	POLS	POLS	1500	Themes in Global Politics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Each class has anchoring theme or set of themes related to global politics, such as, but not limited to, norms, justice, power, conflict and cooperation, globalization and development.	LEC	LE	3	0	2SS	N	U10		75
A&S	POLS	POLS	1600	Engaging Politics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Course begins by giving students an introduction to the ways politics has been historically understood, and continues to discuss the ways it is understood in the discipline of political science. As the course continues, students will spend significant time exploring alternative understandings of politics in terms of current political events, parties, movements, revolutions and struggles in the U.S. and globally.	LEC	EL	3	0	2SS	N	U10		50
A&S	POLS	POLS	1600	Engaging Politics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Course begins by giving students an introduction to the ways politics has been historically understood, and continues to discuss the ways it is understood in the discipline of political science. As the course continues, students will spend significant time exploring alternative understandings of politics in terms of current political events, parties, movements, revolutions and struggles in the U.S. and globally.	LEC	LE	3	0	2SS	N	U10		50
A&S	POLS	POLS	2000	American Politics, Policy, and Administration ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to American politics, policy, and administration. Investigates how public policies are formulated and implemented. Under conventional view of the politics/administration dichotomy, political factors such as political party and public opinion significantly dominate the entire phase of policy formulation. Governmental bureaucracies are supposed to faithfully implement public policies that political decision makers enact. During recent decades, governmental bureaucracies have been more heavily involved in policy formulation as well as policy implementation. Surveys the historical development from a perspective of democracy and bureaucracy. Asked to think about the ideal relationship among politics, policy, and administration.	LEC	LE	3	0	2SS	N	U30		25
A&S	POLS	POLS	2200	The Politics of Law ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the study of law as a political process with special emphasis on courts, legal ideologies, violence, and the mobilization of rights claims in social and political conflict.	LEC	LE	3	0	2SS	N	U30		50

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A&S	POLS	POLS	2300	Democracies and Dictatorships Around the World GEC1: A-F REQUISITE: Introduction to dynamics, structures, and comparison of contemporary political systems and processes.	LEC	LE	3	0	2SS	N	U30		25
A&S	POLS	POLS	2500	International Relations GEC1: A-F REQUISITE: Introduction to key themes and approaches in the study of international relations. Assesses the major forces and constraints affecting state and non-state actors in the international system.	LEC	LE	3	0	2SS	N	U30		50
A&S	POLS	POLS	2700	Introduction to Political Theory GEC1: A-F REQUISITE: Introduces a range of the canonical works in the western tradition of political thought. Uses the contemporary context of political struggles for equality, community, and justice as a lens through which to assess the problems and possibilities of this work.	LEC	LE	3	0	2SS	N	U30		75
A&S	POLS	POLS	2800	Analyzing Politics: Applied Statistics for Government, Public, and International Affairs GEC1: A-F REQUISITE: Math Placement Level 1 or higher or (MATH D004 or MATH D005) An introductory course analyzing a variety of political issues, government institutions and processes, and policy outcomes in U.S. and international politics using data analysis and applied statistics. The course covers how to organize data for analysis, describe data using measures of central tendency and dispersion, and use and interpret inferential statistics to test hypotheses about the political world. Using appropriate statistical software and other technology, students analyze, interpret, and present data from a variety of sources including polls, news media, government agencies, and various actors in public and international affairs.	LAB	LB	3	0	1M	N	U30		0
A&S	POLS	POLS	2800	Analyzing Politics: Applied Statistics for Government, Public, and International Affairs GEC1: A-F REQUISITE: Math Placement Level 1 or higher or (MATH D004 or MATH D005) An introductory course analyzing a variety of political issues, government institutions and processes, and policy outcomes in U.S. and international politics using data analysis and applied statistics. The course covers how to organize data for analysis, describe data using measures of central tendency and dispersion, and use and interpret inferential statistics to test hypotheses about the political world. Using appropriate statistical software and other technology, students analyze, interpret, and present data from a variety of sources including polls, news media, government agencies, and various actors in public and international affairs.	LEC	LE	3	0	1M	N	U30		0
A&S	POLS	POLS	2900	Special Topics in Political Science GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	POLS	POLS	2900	Special Topics in Political Science GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	POLS	POLS	2970T	Political Science Non-Thesis Tutorial First Year GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	POLS	2971T	Political Science Non-Thesis Tutorial GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	POLS	2980T	Political Science Non-Thesis Tutorial GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	POLS	2981T	Political Science Non-Thesis Tutorial GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	POLS	3040	State Politics GEC1: A-F REQUISITE: POLS 1010 or 2000 Comparative analysis of state political systems. Emphasis on structure and process of policy making of states within federal context.	LEC	LE	3	0		N	U30		0

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A&S	POLS	POLS	3050J	Writing on Political Science Topics	SEM	SE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 12 Hours in POLS									
				Writing course for political science majors. Focuses on studying and producing clear and persuasive writing about political issues.									
A&S	POLS	POLS	3060	Politics of Appalachia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Introduction to Appalachia, its political patterns, and political problems such as politics of poverty and powerlessness. Includes examination of responses to these problems by various levels of government--national, regional, state, and local.									
A&S	POLS	POLS	3200	Urban Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS and Soph or higher									
				Examines urban politics and the politics of urbanization with an emphasis on urban problems, globalization, the structure and functions of municipalities and municipal governments, urban growth and development, and alternative urban arrangements.									
A&S	POLS	POLS	3520	International Peace	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 1500 or 2500									
				Studies conflict management and peace in both international and civil conflicts. Addresses historical and current cases involving peaceful settlement of conflicts; the assumptions, norms, and rules informing the theory and practice of international mediation, conflict management, and the achievement of international peace; and the emerging role of both inter-governmental and non-governmental organizations in these areas. Combines concerns for formal diplomatic and institutional approaches with informal diplomacy and reconciliation initiatives. Focuses on analyzing the conditions that allow for peace rather than preparing prescriptive recipes for it.									
A&S	POLS	POLS	3540	Different Approaches to American Foreign Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2500									
				Analysis of different approaches and theories used for the explanation of American foreign policy. Comparison of different sets of arguments in support of various American foreign policies.									
A&S	POLS	POLS	3700	The Enlightenment and its Critics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2700									
				The western enlightenment still shapes the parameters of much of what we take for granted about political life today. Beginning with the work of Immanuel Kant and John Locke as thinkers central to the western enlightenment, critically examines the relationships between power and knowledge, individual freedom and social and political order, reason and religion, progress and pluralism. Critical examinations draw from work ranging from early conservative responses to the enlightenment, to Marxist, psychoanalytic, existentialist, feminist and postcolonial work.									
A&S	POLS	POLS	3750	Politics and Film	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				For many political scientists and theorists, politics involves an ongoing conversation over the meaning and distribution of power in our lives. A major part of the discussions and debates are the various forms of entertainment that many times attempt to represent the world around us through film, music, and other media. Examines the diverse ways that politics, power, and film intersect and co-constitute one another. Investigates how race, sex, class, gender and other identity formations are represented in film, attempting to discern how images either perpetuate or resist dominant societal norms.									
A&S	POLS	POLS	3750	Politics and Film	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				For many political scientists and theorists, politics involves an ongoing conversation over the meaning and distribution of power in our lives. A major part of the discussions and debates are the various forms of entertainment that many times attempt to represent the world around us through film, music, and other media. Examines the diverse ways that politics, power, and film intersect and co-constitute one another. Investigates how race, sex, class, gender and other identity formations are represented in film, attempting to discern how images either perpetuate or resist dominant societal norms.									
A&S	POLS	POLS	3970T	Political Science Non-Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: HTC									
				CR, PR									
				Honors tutorial on topics in political science.									
A&S	POLS	POLS	3980T	Political Science Non-Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: HTC									
				CR, PR									
				Honors tutorial on topics in political science.									
A&S	POLS	POLS	4010	American Constitutional Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Study of the politics of American constitutional law through the study of Supreme Court cases and other public documents.									

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COURSE LISTING
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A&S	POLS	POLS	4015	Constitutional Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS									
				The United States Constitution confers authority on the various branches of government in order to empower the federal government. At the same time, the Constitution is designed to restrain public officials in their exercise of institutional power to prevent abuse of government power. In Madisonian theory, the separation of powers system works when one branch challenges another in its exercise of power. Those who challenge another may be motivated by politics or partisanship, but they couch their challenge in constitutional language. Hence 'constitutional politics' serves as conflict that is healthy for the American constitutional order. The system is in trouble when public officials fail to engage in conflict; if one branch asserts excessive power and another branch does not challenge it, then the system runs into the danger of tyranny, which James Madison defined as the accumulation of powers in one branch. Course examines historic and recent constitutional issues to assess whether each branch has lived up to its responsibility of checking the others. If any branch has been remiss, we will explore why.									
A&S	POLS	POLS	4040	Civil Liberties	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2200									
				A problem-based approach to U.S. civil liberties law.									
A&S	POLS	POLS	4050	American Political Parties	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 12 Hours in POLS									
				Examines the growth, development, and operation of political parties in the United States.									
A&S	POLS	POLS	4060	Elections and Campaigns	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS and Soph or higher									
				Examines the operation of political campaigns in the context of American elections.									
A&S	POLS	POLS	4062	American Voting Behavior	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 1010 and 2000									
				Many studies of American elections are premised on the actions of individual voters (as well as potential voters and non-voters). Introduces the classics in the field of voting behavior research, along with recent studies that attempt to stand on the shoulders of these earlier works. Focuses on these two primary questions: a) why do people vote; b) how do they decide for whom to vote? One guiding concern is the issue as to whether voting behavior is self-interested or whether it reflects societal norms. Analyzes patterns of voting behavior in order to better assess American democracy and the manner in which it operates.									
A&S	POLS	POLS	4065	Public Opinion, Political Participation, and Protest	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS									
				Examines the nature and content of individual and mass political opinion and behavior with an emphasis on explanations of opinion changes, the connection between political opinion and political participation and protest activities, and the consequences of various forms of political behavior for government and democracy.									
A&S	POLS	POLS	4067	Women and Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS or 1010 or 2000									
				Examines the role of gender in shaping American political life, with an emphasis on the empirical study of gender in politics.									
A&S	POLS	POLS	4070	Strategic Decision-Making	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 18 hours in POLS and Sr and Warning: No credit for both this course and the following (always deduct credit for first course taken): ECON 3020									
				Using a wide range of cases -- the Cold War, resource depletion, political campaigns, and legislative politics -- this course will engage students in the construction and analysis of strategic interaction. Students will assess the public value of private and official actions and learn to discover Nash Equilibrium and Subgame-Perfect Equilibrium.									
A&S	POLS	POLS	4100	Public Policy Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS									
				Examines stages of policy process, including policy formulation, implementation, and evaluation. Also discusses development and methods of policy analysis.									
A&S	POLS	POLS	4145	Policy Implementation and Evaluation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS including 2000									
				Examines what factors affect the performance of public programs and organizations. Surveys the processes of policy formulation and implementation within the context of politics. Analyzes governmental interventions in terms of efficiency, effectiveness, and responsiveness. Investigates how statistical methods can be applied to evaluations of governmental interventions. Demonstrates how to operationalize various components of public programs in order to conduct statistical analysis.									
A&S	POLS	POLS	4150	The American Presidency	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS including (2000 or 2200)									
				Analysis of office of national chief executive and its place in American political system. Attention given to constitutional status and powers, functional development, and interrelationship of person and office.									

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A&S	POLS	POLS	4151	Politics of Taxation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (POLS 1010 or 1600) and Soph or above									
		COURSE DESC:		This course examines sound principles of taxation in the national, state, and local governments. Taxation has also been used as a tool of fiscal policy primarily by the national government. This course will examine how budget and tax policies affect and are affected by the national economy and politics. This course also introduces various fiscal issues such as cost-benefit analysis, intergovernmental fiscal relations, and debt management.									
				Under the quarter system, POLS 490/590 B: Politics of Taxation has been offered for the past several years. This semester course is equivalent to the quarter course.									
A&S	POLS	POLS	4152	Public Sector Cost Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 or ECON 3050 or LPA 4860 or MATH 1200 or POLS 2000 or POLS 4151 or Jr or Sr									
		COURSE DESC:		The purpose of this course is to train students as skilled managers of financial and economic resources in public sector organizations. This course provides techniques to control and analyze short run and long run cost behaviors of public sector organizations in line with their goals, outputs, and outcomes, such as cash and debt management. This course also introduces techniques to develop financial reports for financial decision making in public sector organizations, augmented by various financial ratio analyses.									
A&S	POLS	POLS	4155	The White House: Management and Administration	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (POLS 1010 or 1600) and Soph or above									
		COURSE DESC:		The White House is the center of American public administration. Introduces the White House as a "mini-bureaucracy" at the hub of the national government, to include the Executive Office of the President, the White House Office, and the far reaching extensions of presidential bureaucratic power as embodied in such operations as presidential travel. Explores the role of staff within the White House. Focuses on the questions: a) how does the White House work; b) what makes it different from other bureaucracies in the American system of government?									
A&S	POLS	POLS	4160	Legislative Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including (2000 or 2200)									
		COURSE DESC:		Explores legislative process and policy, primarily at the national and state levels. Examines influence of interest groups, the media, constituencies, political parties, executive and judicial branches, and organizational structure of legislatures on legislative outcomes.									
A&S	POLS	POLS	4180	Interest Groups in American Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		Organization and tactics of pressure groups and their impact on the policy-making process.									
A&S	POLS	POLS	4190	LGBTQ Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Analysis of LGBTQ political issues such as same-sex marriage, military inclusion, non-discrimination, and hate crimes.									
A&S	POLS	POLS	4210	The Politics of Law and Sexuality	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		An exploration of the regulation of sexuality in the U.S. from legal and theoretical perspectives. Cases and other materials will address a variety of issues including the right to privacy, pornography, the right to marry, and gays in the military.									
A&S	POLS	POLS	4230	Political Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (POLS 1010 or 1600) and Soph or above									
		COURSE DESC:		Examines the role of leadership in democratic society, which an emphasis on the relationship between leaders and their constituencies, as well as the consequences of leadership decisions.									
A&S	POLS	POLS	4240	American Federalism and Public Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		Provides an in-depth historical, political, and administrative examination of the American intergovernmental arena.									
A&S	POLS	POLS	4250	Environmental and Natural Resources Politics and Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the institutional context and political dynamics of environmental policy-making in the United States. Topics include public support for environmental protection; the role of science in the policy process; the major actors and avenues of influence; and current policy issues.									
A&S	POLS	POLS	4260	Politics of the Contemporary Environmental Movement	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Analysis of the U.S. modern environmental movement including the characteristics and contributions of the mainstream; radical environmentalists' tactics and philosophies; grassroots environmentalism, and the role of women in environmental activism, and environmental racism and justice, and the role of people of color in the environmental movement.									
A&S	POLS	POLS	4270	Theories of American Foreign Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in POLS and POLS 2500 recommended									
		COURSE DESC:		Exploration of different theoretical approaches used for the analysis of American foreign policies from past to present. Emphasis on explaining American foreign policy changes with the use of theories from international relations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4280	Politics and Science in the United States	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr and (POLS 1010 or 2000) and 3 hours Tier II Natural Sciences									
		COURSE DESC:		Considers the intersection of science, politics, and political science in terms of substantive policy and methodology. Investigates how scientists become involved in political decisions, and how scientific information is used in public policy making. Analyzes contemporary issues where science and politics meet.									
A&S	POLS	POLS	4300	Politics in Western Europe	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Government and politics in several west European nations.									
A&S	POLS	POLS	4310	Politics in Eastern Europe	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 1500 or POLS 2300 or POLS 2500 or permission required									
		COURSE DESC:		Discussion of recent political shifts in eastern Europe, from communism through current revolutions/transitions. Special focus on construction of democratic institutions, economics reforms, post-communist justice, and ethnic politics.									
A&S	POLS	POLS	4340	Government and Politics of Latin America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including 2300									
		COURSE DESC:		Political systems of Latin America. Emphasis on power relationships and political obstacles to change in contemporary Latin America.									
A&S	POLS	POLS	4360	Government and Politics of Brazil	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Surveys the politics and political institutions of Brazil. Includes an examination of the major historical developments in Brazilian politics; the country's governmental structure and political processes; the challenges and opportunities facing today's Brazil.									
A&S	POLS	POLS	4370	Government and Politics in Britain	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including 2300									
		COURSE DESC:		A study of the major political processes, personalities, and institutions of British government, including key foreign policy issues.									
A&S	POLS	POLS	4380	Government and Politics in Germany	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including 2300									
		COURSE DESC:		Major political processes, personalities, and institutions of contemporary West Germany, including key foreign policy issues									
A&S	POLS	POLS	4390	Government and Politics in France	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including 2300									
		COURSE DESC:		Major political processes, personalities, ideas, and institutions of modern France.									
A&S	POLS	POLS	4400	The Politics of Developing Areas	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr or Permission Required									
		COURSE DESC:		Major theories and problems of political, sociocultural, and economic development in new states of Asia, Africa, and Latin America, with special emphasis on heritage of colonialism, struggle for independence, and political adjustments to rapid social and technological change.									
A&S	POLS	POLS	4410	African Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr or Permission Required									
		COURSE DESC:		Development and structure of modern African states with emphasis on political processes in tropical Africa.									
A&S	POLS	POLS	4415	Religion and Global Politics	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the impact of religious values, beliefs, and organized faith groups on global politics. Considers how religious laypeople and leaders impact political processes in domestic politics and international relations, as well as how faith communities compete and coexist in the political sphere. Approach will be both contemporary and historical, as well as comparative. Cases might include the impact of religion on global and national law, the role of religious activists in governmental and non-governmental organizations, the relationship between individual and collective religious values and national political outcomes, and the impact of secularism on politics. Focus will be global, although U.S. cases may be considered in comparative perspective.									
A&S	POLS	POLS	4415	Religion and Global Politics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the impact of religious values, beliefs, and organized faith groups on global politics. Considers how religious laypeople and leaders impact political processes in domestic politics and international relations, as well as how faith communities compete and coexist in the political sphere. Approach will be both contemporary and historical, as well as comparative. Cases might include the impact of religion on global and national law, the role of religious activists in governmental and non-governmental organizations, the relationship between individual and collective religious values and national political outcomes, and the impact of secularism on politics. Focus will be global, although U.S. cases may be considered in comparative perspective.									
A&S	POLS	POLS	4420	Middle East Politics	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2300 or 2500									
		COURSE DESC:		Examination of the major issues and dilemmas in contemporary Middle Eastern politics, including: the Arab-Israeli conflict, the role of religion and nationalism, the status of women, and efforts at development and democratization.									

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A&S	POLS	POLS	4440	East Asia in World Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	POLS 2300 or 2500						
		COURSE DESC:		Examines the evolution of East Asia in world politics in the postwar era, including both the historical antecedents and alternative theoretical perspectives, as well as a variety of contemporary, political, economic, and security issues related to this region.									
A&S	POLS	POLS	4450	Government and Politics of Japan	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	9 Hours in POLS or Asian History						
		COURSE DESC:		Political institutions and processes of Japan with emphasis on developments since 1945.									
A&S	POLS	POLS	4460	Government and Politics of China	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	9 Hours in POLS or Asian History						
		COURSE DESC:		Political institutions and processes and major political developments in China, with emphasis on recent events.									
A&S	POLS	POLS	4465	Gandhi and King: Nonviolence as Philosophy and Strategy	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(POLS 1600 or 6 hours in POLS) and Sr						
		COURSE DESC:		This course provides a view of nonviolence as an end and personal style, although emphasis is placed on nonviolence as a means of political and social resistance to oppression. This course investigates the lives and work of Mohandas K. Gandhi and Martin Luther King, Jr. as the point of entry for giving students an opportunity to integrate and apply the theories and practice of nonviolence or other alternative paradigms into real-life conflict situations, including their own life experiences. An interdisciplinary analysis of nonviolence is employed.									
A&S	POLS	POLS	4465	Gandhi and King: Nonviolence as Philosophy and Strategy	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(POLS 1600 or 6 hours in POLS) and Sr						
		COURSE DESC:		This course provides a view of nonviolence as an end and personal style, although emphasis is placed on nonviolence as a means of political and social resistance to oppression. This course investigates the lives and work of Mohandas K. Gandhi and Martin Luther King, Jr. as the point of entry for giving students an opportunity to integrate and apply the theories and practice of nonviolence or other alternative paradigms into real-life conflict situations, including their own life experiences. An interdisciplinary analysis of nonviolence is employed.									
A&S	POLS	POLS	4470	Government and Politics of Southeast Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	9 Hours in HIST or 9 hours in POLS						
		COURSE DESC:		Traditional governments in southeast Asia, Western colonialism, rise of nationalism, achievement of independence.									
A&S	POLS	POLS	4480	Comparative Public Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 hours in POLS or (Jr or Sr)						
		COURSE DESC:		Examines and compares characteristics of public policy in various national political settings. Students: (1) discover more about how public policies in the United States differ from other countries; (2) think about why this is the case; (3) focus on how policies shape the political realm; and (4) develop the skills to become effective policy analysts.									
A&S	POLS	POLS	4490	Nationalism/Ethnic Conflict	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	POLS 1500 or POLS 2300 or POLS 2500 or permission required						
		COURSE DESC:		Examines the nature of nationalism and its sources. Considers the nature of state boundaries and the political contention that can lead to violence based on national identity. Explores the means to resolve or prevent such conflicts.									
A&S	POLS	POLS	4495	The Challenges of Democratization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr or Permission Required						
		COURSE DESC:		Focuses on the process of democratization in historical and comparative perspective. Topics include historical and contemporary debates over the meaning of democracy and how to qualitatively and quantitatively "measure" democracy; the major theories of democratization, democratic transition, and consolidation; trends in authoritarian efforts to limit or prevent democratization; the theory and practice of institutional design in new democracies; case studies of successful and failed democratization.									
A&S	POLS	POLS	4497	Capitalism and Democracy	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 hours in POLS or (Jr or Sr)						
		COURSE DESC:		Examines the interaction between the economy and politics in a comparative context focusing on domestic issues and linkages, which in political science is called comparative political economy. Today most economies have a significant share organized along market capitalist lines, and these market capitalist economies are heavily shaped by the regime type whether democratic or non-democratic and variations within each sub-type, so comparative political economy is about capitalism and democracy or the lack thereof. Analysis takes a theoretical approach that emphasizes competing frameworks including liberalism, Marxism, and neo-mercantilism. Issues examined include welfare state politics, varieties of capitalism, market failure and the state, embedded capitalism, the role of business among oth									
A&S	POLS	POLS	4505H	Honors Seminar	SEM	SE	3	0		I	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required and POLS major						
		COURSE DESC:		Seminar on selected topics in political science and preparation and research for writing an honors thesis.									
A&S	POLS	POLS	4506H	Honors Thesis in Political Science	SEM	EL	1 to 6	12		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	POLS 4505H						
		COURSE DESC:		PR Research, writing, and preparing an honors thesis.									
A&S	POLS	POLS	4506H	Honors Thesis in Political Science	SEM	SE	1 to 6	12		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	POLS 4505H						
		COURSE DESC:		PR Research, writing, and preparing an honors thesis.									

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A&S	POLS	POLS	4550	International Law	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS (POLS 2500 recommended)									
				Studies the contribution of international law to order, power, and justice in international politics. Explores historical origins and current problems in the field, with attention to classic debates over the sources, purposes, and interests associated with international law. Places formal aspects of law (centered on the United Nations and the International Court of Justice) within the wider context of global governance, including the influence of customary international law and the work of non-governmental organizations. Discussions and readings include critical perspectives on international law as a vehicle of power in a world of inequality.									
A&S	POLS	POLS	4555	Transitional Justice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Focused study of the emerging field of transitional justice, from war crimes tribunals and truth commissions to official apologies and reparations. Examines key challenges, such as: how uncovering truth should be balanced with providing justice; whether strategies focused on individual rights and criminal responsibility can alleviate social and economic injustices; and whether conflicting identities should be forgotten or transcended. Incorporates discussion of theoretical frameworks for addressing distributional conflicts, the politics of identity, and the politics of memory.									
A&S	POLS	POLS	4560	International Organization	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS (POLS 2500 recommended)									
				Studies efforts by state and non-state actors to organize and institutionalize international politics. Considers classical explanations for why states cooperate to form international institutions, and how these wield authority in a world of sovereign states. Examines the rise of non-state actors, including international non-governmental organizations (INGOs), terrorist networks, and transnational religious organizations. Specific cases discussed, including: the United Nations; the European Union, ASEAN, and other regional organizations; and various INGOs.									
A&S	POLS	POLS	4565	International Human Rights	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Studies human rights as a vehicle for moral and legal change in international politics. Considers various ways of thinking about what human rights are and how they work at the international level. With a focus on the United Nations system, the course assesses problems and debates concerning the implementation and enforcement of human rights. Addresses difficult questions such as: How well do treaties work in promoting human rights? How can human rights be enforced in the absence of higher authority? And what role do non-state actors play? Considers case studies in a variety of issue-areas, such as: the use of torture, war crimes, indigenous rights, women's rights, and the right to development.									
A&S	POLS	POLS	4570	National Security in the Contemporary Era	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS (POLS 2500 recommended)									
				Introduces the concepts and problems of attaining international "security" in an ever-changing world. Profound changes at the international level have taken place in the past decade which have had a major impact on how we conceive of security. Provides an overview of the traditional and new sources for insecurity and explores the consequences of states' quests for security in the contemporary era.									
A&S	POLS	POLS	4580	Introduction to War and its Causes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS (POLS 2500 recommended)									
				Introduces the concept and causes of war. Discusses the phenomenon of war in the broader context of social behavior, and explores the natural or unnatural elements of international violence.									
A&S	POLS	POLS	4590	Terrorism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Introduces the phenomenon of terrorism, in both its domestic and international forms. Through comparative case studies, aims to understand the motivations, goals, tactics, and strategies of terrorism. Considers the relationship between terrorists and the various political and cultural groups with which they interact from states and international authorities to transnational criminal networks and religious communities. Addresses the historical responses of state, regional, and international actors to terrorism and assesses competing views on how the United States and other nations could and should respond to this threat.									
A&S	POLS	POLS	4600	International Political Economy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Examines the politics of the world economy. Topics covered include the politics of international trade, the politics of the international monetary system, and international cooperation.									
A&S	POLS	POLS	4630	African International Relations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2500 or 3540									
				Overview of political, economic, and social issues that shape the external relations of African nations, and of non-state and international participants in these relations.									
A&S	POLS	POLS	4640	Critical studies in global humanitarianism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS or (Jr or Sr)									
				This course draws upon a variety of interdisciplinary materials that examine humanitarianism as an expression of global civil society, a mechanism of global governance, and an instrument of power and politics. This course is organized around a specific set of themes intended to: (1) unsettle prevailing norms of humanitarian practice; (2) disrupt the politics legitimated by various humanitarian appeals; and (3) uncover the multitude of humanitarian sensibilities that shape social interactions across the global North and South. Throughout the semester, we explore the entanglements of humanitarianism in religious faith, aid economies, imperialism, human security, and military intervention across different contexts.									

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A&S	POLS	POLS	4650	Global Media Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 hours in POLS or (Jr or Sr)									
				This course studies mediated communication in global politics, including both the impact of mass media on the foreign policies of states and the more recent use of social media by state and non-state actors. Readings and discussions address the role of mediated communication in public opinion, political mobilization, citizenship, identity, global justice, and democratic deliberation. The course uses historical and contemporary case studies germane to the study of international politics, including major wars, revolutionary movements, breaches of state secrecy and cybersecurity, Internet freedom, and efforts to promote global political dialogue. Students consider both tendencies of mediated communication to sow enmity and conflict and opposing trends toward universal connectivity and transnational citizenship.									
A&S	POLS	POLS	4700	Democratic Theories and Practices	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Placing contemporary democracies in both historical and comparative context, examines the relationship between legitimacy, authority, participation and voice. Central focus is the 'edges' or boundaries of democracies: is there a private realm at the edge of democracy? How is it established? What is democracy's jurisdiction? There are margins within and outside of a democratic community, where lines between insiders and outsiders are drawn and redrawn. How do location and membership shape our practices of democratic responsibility? What is the relationship between injustice and democracy?									
A&S	POLS	POLS	4705	The Politics of Rights	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				There are few legal, normative, and political issues more important than the efforts and struggles surrounding rights. It could be argued that the emergence of democratic political systems rested much of their legitimacy upon the claim that they guaranteed certain fundamental rights for citizens. Course examines the multifaceted character of rights discourse and struggles. The varied origins of rights narratives will be explored, as well as the controversies over the extension and effectiveness of rights to diverse populations. Students think critically about the rights they take for granted as well as the rights yet to be granted, to themselves and/or others.									
A&S	POLS	POLS	4710	Contemporary Radical and Critical Theories	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2700									
				Examines contemporary political and social theories that have been critical of historically hegemonic ideas and regimes. Begins with theories that assume a relationship between knowledge and power, and also between theory and practice. Includes expansive concepts of politics that go beyond government. Theories such as Marxism, psychoanalysis, structuralism and post-structuralism, deconstruction, feminism, anarchism, animal rights, critical race theory and postcolonial theory may be examined.									
A&S	POLS	POLS	4720	Resistance, Reform, and Revolution	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Explores the intertwined character of power and resistance. In the process, gain both an understanding of forms of power and resistance in everyday life, and to use such an understanding to negotiate the power in our own lives. Also explores how power is not only prohibitive, but productive; and attempts to figure out what that means for our quests to live good lives and to experience freedom.									
A&S	POLS	POLS	4730	Animal/Human/Machine	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: POLS 2700 or permission required									
				Political theorists are concerned with concepts of political agency. How does political action occur? Who can be political? What are the terms of political discourse? During the past 10-15 years, a "post-humanist" discourse has emerged. This has come from two main sources. First, a whole of host of studies in psychology and biology have challenged the idea of human exceptionalism (i.e. the idea that humans are a unique animal). In study after study, things once thought to be unique to humans are found in animals (use of tools, communication of relatively complex ideas that some call language acquisition, emotions, laughter, lying, making war, etc.). This is not coming from animal rights, but from science itself. Second, technology and experiments with artificial intelligence, computers, social networking, sex-change surgery, artificial insemination, etc. have challenged us to find new ways to conceptualize thought and the body. These also challenge what it means to be human. Given that an assumption about the stability of the category "human" has been the principle anchor for all theories of politics up till now, these scientific discussions pose important problems for politics, and consequently, for political science.									
A&S	POLS	POLS	4738	The Politics of Race in Global Context	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Examines the transnational origins, scope, and diffusion of racial ideas and materiality. Begins with a basic introduction to the concept of race, its origins and evolution in the global realm and its subsequent centrality to discourses of modernity, empire and capitalism. Explores race as a system of global power relations that has changed over time, manifests differently across space, and exists on multiple planes. Close attention is paid to the operation of racial politics along multiple geographic and temporal scales in order to discover how race can independently affect both domestic policy outcomes and international relations among nation-states.									
A&S	POLS	POLS	4739	Politics of Race	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS including 2700									
				Examines various, intricate relationships between race and politics in the United States. Starts with a basic introduction to the concept of race, its origins and evolution. Attention paid early on to the contradictory projects of democracy and racial hierarchy, specifically, the enterprise of white supremacy. Looks at past and present racial topographies, including, but not limited to, trends in partisanship, political ideology and voter turnout per racial group. Examines how the three branches of government have supported America's war on drugs, and subsequently how this war has differentially impacted the American people on lines of race, gender, and class. Investigates how racial identity is shaped by varying economic, social and political contexts, and further how these identities can be mobilized for collective purposes. We think critically about what is at stake in adhering to or diverging from particular racial identities in the political and social arena, how racial identities are policed by group members, and lastly, what is at stake in defining racial authenticity. Last set of readings treat the ways racial anxieties are manipulated during electoral campaigns as a strategy for specific political gains.									
A&S	POLS	POLS	4740	Sexuality and Queer Theories	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 6 Hours in POLS									
				Explores intersections of gender and sexuality with other primary forms of identity including but not limited to race, ethnicity, religiosity, class and culture. Queer theorizing explored both as a critical tool and as a resource for a more transformative alternative politics.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4751	Critical Race Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Examines, analyzes, and theorizes race and racism from a critical and politicized perspective. This rich theoretical perspective points out that racism is still a pervasive part of contemporary societies, and seeks out effective ways to challenge racism's existence and impact on various groups and societies. Examines Critical Race Theory as a theoretical and political alternative for understanding and criticizing racism in contemporary settings. Critical Race Theory critiques perspectives that claim far-reaching progress has been made combating racism. Challenges students to think in new ways about contemporary manifestations of racism. Explores innovative ways to challenge the widespread prevalence of racism.									
A&S	POLS	POLS	4752	The Politics of Intersectionality	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Examines the emergence and prevalence of 'intersectionality' as a theoretical framework, political practice, and terrain of lived experience. Intersectionality signifies the simultaneity of identities and is commonly considered a robust approach to examining complicated, lived experiences. Intersectionality illuminates how multiple forms of disempowerment intersect and interact with one another, and captures the ways such intersections lead to deeper and more complex forms of subordination. Examines how a person who suffers from racism, poverty, and sexism has a much different lived experience than a person who may experience racist oppression, but whose sex and class status are privileged according to societal norms and expectations.									
A&S	POLS	POLS	4753	American Whiteness	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Engages Critical Race Theory and Critical White Studies in order to better understand how 'whiteness' perpetuates itself and racism as well. Critically examines the concept of whiteness, and what it has meant to the (white) public over time. To what extent is being white a biological, ideological, psychological, or political phenomenon? Introduces theories of whiteness as a legal construction, as a privileged status, and as a dynamic social identity. Aids understanding the political meaning of whiteness by examining the relationship of whiteness to American citizenship, immigrants' motivations to assimilate into whiteness, and by learning how politicians and governmental bodies have protected the interests of white Americans by inscribing white privilege into public policies. Investigates white American public opinion on political issues, their attitudes about people of color, as well as what they think about their own racial group and racial identity. Discusses the normative quality of white racial identity, and how colorblind ideology makes it difficult to see and understand whiteness as power and privilege. Examines the contexts in which whiteness is made visible, and how awareness of white racial identity can be cultivated.									
A&S	POLS	POLS	4754	Black Political Thought	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Surveys various ideological traditions that have inspired the political visions and agendas of Black Americans. Though white supremacy has negatively affected the lives of Black Americans for centuries, the response to racial oppression has been far from monolithic. In challenging white hegemony and racial oppression, Black thinkers have addressed the contradictions inherent in the joint projects of egalitarianism and racial hierarchy. Some of the greatest contributions to American political thought emerged from competing ideological frameworks, such as the debate over accommodation versus full and immediate racial integration, nonviolence versus self-defense, and socialism versus capitalist entrepreneurship, just to name a handful of contests. In envisioning an optimal racial environment, generations of activists have inserted their concerns over other related social arrangements such as sexism, classism and heterosexism, and have consequently pushed Black and non-Black Americans alike to imagine their ideal political conditions.									
A&S	POLS	POLS	4755	Latinos and Politics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Explores the histories and contemporary politics of the diverse and expanding Latino population. Focuses on people of Mexican, Puerto Rican and Cuban descent, but incorporates other groups where information is available. Covers how patterns of immigration and resources shape the foundation for Latinos' political incorporation and mobilization within the United States. Examines the political needs and goals of various Latino sub-groups by studying public opinion, voting patterns and non-electoral behavior, and will assess the extent to which these groups are able to achieve their visions. Reflects upon the unity and tension within this group. Assesses whether Latinos have a set of political attitudes and behaviors that distinguish them from other racial groups.									
A&S	POLS	POLS	4756	The Politics of Visibility	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Vision and visibility are key organizing features of political inquiry, responsibility, governability, and contestation. Particularly in a contemporary setting inundated with technologies for seeing and rendering a wide variety of subjects and phenomena visible, power and visibility have become intrinsically interconnected. Studies the various manifestations of vision, visibility, and invisibility. Racialized politics of visibility especially emphasized, along with the multifaceted ways that visible identities more generally render some bodies and subjects more susceptible to political surveillance, social control, and discrimination.									
A&S	POLS	POLS	4757	Race, Violence and Human Security	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		There are few issues in contemporary politics more important than human security. There are also few forms of oppression and discrimination more important than racism. Yet, envisioning and seeing the various ways that racism leads to vast and deep human insecurity have generally been neglected as political problems and inquiries. Addresses racism and racial violence as human security issues, encouraging students to search out creative ways to reduce the varied hostile environments that emerge from racist forces.									
A&S	POLS	POLS	4758	Race and Public Policy in Comparative Perspective	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS							
		COURSE DESC:		Seeks to conceptualize, explore and explain the complex relationships between race and the creation, implementation and evaluation of public policy. First half offers overview of some dominant theories of public policy, including rational actor models, institutionalism, policy framing and agenda-setting, causal stories, and policy networks. Second, applies these theories in order to complete a more in-depth examination of policy areas that have either implicitly or explicitly institutionalized racial difference and/or disadvantage. Focus will be comparative; though substantial examples drawn from the United States and the industrialized world, also draws insights from developing contexts as necessary.									

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A&S	POLS	POLS	4759	Interracial Transgressions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		Explores multiple arenas of interracial transgressions. Explores the complexities of interracial transgressions by analyzing the role of politics, law, policy, literature, film, geopolitics and vernacular discourse in the construction of interracial relationships, transracial contact zones and multiracial identities. Drawing from case studies in the United States, Canada, Great Britain, South Africa, Australia and Brazil, examines a wide variety of issues related to the construction of mixed-race as a social identity and mode of racial classification, and the potential for racial transgressions in areas of sex, love, friendship, media, dance, music and geography, paying particular attention to the complex relationships among race, gender, class, and sexuality.									
A&S	POLS	POLS	4760	American Political Thought	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in POLS						
		COURSE DESC:		Origin and development of political ideas in the U.S. experience.									
A&S	POLS	POLS	4765	Diaspora, Transnationalism and Post-Colonialism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		This course introduces students to the theories, concepts and applications of the field of post-colonial, transnational and diaspora studies. As post-colonial studies is a wide field, we are engaged here in acquiring a working knowledge of its major ideas, conceptual platforms and methods of inquiry that are the bases of post-colonial studies. We will be examining some of the key themes in post-colonial studies, as well as reading some of the foundational texts on which the field of post-colonial studies is grounded.									
				The varied and multi-disciplinary fields of study that form our theoretical framework are founded on three premises: a) that whilst the era of formal colonialism is over, the social institutions, cultural practices and ideological formations produced by colonialism and other forms of oppression have left their legacy in the contemporary world; b) that mainstream ways of thought, interpretation and action have been informed and continue to be permeated by dominant conceptions from the West; and c) that race is a transnational phenomenon, tied to and imbued with the power of modernity.									
				These foundations provide some identifiable common denominators: a willingness to challenge the hegemonic assumptions of the West; a moral imperative to understand history and society from the point of view of those it has least benefited and who have been marginalized and even oppressed; an understanding that the current world system is the result of a world-historical racial project; and as a result, a theoretical commitment to developing new, more inclusive and more progressive ways of thinking and analyzing social, economical, political and historical forces that critically interrogate Western hegemonic forms of knowledge. Post-colonialism therefore includes studies of the formal colonial period and its aftermath. We are here mostly concerned with late colonialism, and the majority of this course will focus, although not exclusively, on the British colonial empire. This course is highly theoretical and interdisciplinary. Material will be chosen from a wide variety of geographical areas and from post-colonial thinkers from different disciplines.									
A&S	POLS	POLS	4770	Legal Theory and Social Problems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in POLS						
		COURSE DESC:		Examination of legal reasoning and normative values of judges, lawyers, and legal theorists, in shaping legal solutions to contemporary social problems.									
A&S	POLS	POLS	4780	Feminist Political Theories and Movements	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		POLS 2700 and WGSS 1000						
		COURSE DESC:		Explores feminist work as both a vital critical perspective and a source of alternative and transformative visions. Examine mechanisms and manifestations of patriarchy as they play out across fields of struggle--cultural, social, economic, as well as traditional political spaces. The relationship between patriarchal forms of oppression and other practices of domination--race, sexuality, class, or ethnicity based critically analyzed. Normative visions generated from feminist perspectives explored as alternatives to patriarchal orderings.									
A&S	POLS	POLS	4805	Political Science Fiction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in POLS including (POLS 2000 or 2300 or 2500 or 2700)						
		COURSE DESC:		Science fiction holds a mirror to the norms, rules and institutions that exist in the contemporary political world, engaging in fundamental comparisons about the way the world is, how it came to be, and what alternatives may exist for the political future. Examining and analyzing the prominent themes and issues in these fictional worlds sheds light on past, present, and future political phenomena of our real one. The course examines works of science fiction (both literature and film) side-by-side with political analyses of a variety of topics: state- and nation-building, war and peace-building, citizenship, race, gender, bio-ethics, revolution and rebellion, the military industrial complex, capitalism and democracy. For example, fiction works that may be used in the course include Foundations, Game of Thrones, the Hunger Games, World War Z, the Handmaid's Tale, Battlestar Galactica, Star Trek, etc. Science fiction literature and film are points of departure for a more substantive focus on these and other important issues in contemporary politics.									
A&S	POLS	POLS	4830	Introduction to Research Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		12 Hours in POLS						
		COURSE DESC:		Principles and techniques of social science research.									
A&S	POLS	POLS	4840	The Politics of Sustainability	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Jr or Sr						
		COURSE DESC:		Political questions are interwoven throughout the discourse and practice of sustainability. Is there a difference between sustainability and sustainable development? Is environmental sustainability the paramount goal, or should natural capital be sacrificed to pursue economic prosperity and social equity? Analyzes the inherent ambiguities of the three dimensions of sustainability--environmental, economic and social sustainability--and the political challenges associated with achieving sustainability at the local, national and global scales.									

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A&S	POLS	POLS	4880	Environmental and Public Policy Dispute Resolution	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines how collaborative dispute resolution approaches can be used to address complex public issues such as land use disputes, the management of natural resources, and the use of social services. Topics and skill building exercises include conflict assessment, consensus-based decision-making, interest-based negotiation, mediation, and the politics of public dispute resolution.									
A&S	POLS	POLS	4900	Special Topics in Political Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	POLS	4900	Special Topics in Political Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	POLS	4901	Special Topics in American Politics	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		In-depth exploration of a special topic in American politics. Exposed to key concepts, theoretical debates, and/or methodological concerns with respect to the field of American politics.									
A&S	POLS	POLS	4902	Special Topics in Law and Politics	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		In-depth exploration of a special topic in the study of law and politics. Exposed to advanced research, key concepts, theoretical debates, and/or methodological concerns with respect to the study of the politics of law in domestic and global settings. .									
A&S	POLS	POLS	4903	Special Topics in Political Theory	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		In-depth exploration of a special topic in political theory. Exposed to key concepts, theoretical frameworks, and or methodological concerns with respect to the field of political theory.									
A&S	POLS	POLS	4904	Special Topics in International Relations	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		In-depth exploration of a special topic in international relations. Study relevant cases, as well as the theories and concepts scholars and practitioners use to understand the topic under consideration.									
A&S	POLS	POLS	4905	Special Topics in Comparative Politics	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS									
		COURSE DESC:		In-depth exploration of a special topic in comparative politics. Exposed to key concepts, theoretical debates, and/or methodological concerns with respect to the field of comparative politics.									
A&S	POLS	POLS	4910	Public Affairs Internship	INT	IN	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: POLS major and (Jr or Sr)									
		COURSE DESC:		CR, PR Provides qualified students with the opportunity to learn through working in selected public and private agencies related to public affairs.									
A&S	POLS	POLS	4911	International Internship	INT	IN	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: 9 Hours in POLS and (Jr or Sr)									
		COURSE DESC:		PR, F Internship outside the United States.									
A&S	POLS	POLS	4931	Independent Study in American Politics	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of American politics not covered in regular course offerings.									
A&S	POLS	POLS	4932	Independent Study in Law and Politics	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of law and politics not covered in regular course offerings.									
A&S	POLS	POLS	4933	Independent Study in Political Theory	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of political theory not covered in regular course offerings.									
A&S	POLS	POLS	4934	Independent Study in International Relations	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of international relations not covered in regular course offerings.									

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A&S	POLS	POLS	4935	Independent Study in Comparative Politics	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Independent study designed to expand understanding in a selected area of comparative politics not covered in regular course offerings.									
A&S	POLS	POLS	4941	Research in American Politics	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual supervised research on a selected aspect of American government and politics based on student's special interest.									
A&S	POLS	POLS	4942	Research in Law and Politics	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual supervised research on a selected aspect of law and politics based on student's special interest.									
A&S	POLS	POLS	4943	Research in Political Theory	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual supervised research or directed readings on a selected aspect of political theory based on student's special interest.									
A&S	POLS	POLS	4944	Research in International Relations	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual supervised research on a selected aspect of international relations based on student's special interest.									
A&S	POLS	POLS	4945	Research in Comparative Politics	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual supervised research on a selected aspect of comparative government and politics based on student's special interest.									
A&S	POLS	POLS	4961	International Internship Seminar	SEM	SE	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	9 Hours in POLS and (Jr or Sr)						
				CR									
		COURSE DESC:		Internship outside the United States.									
A&S	POLS	POLS	4970T	Political Science Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
				CR, PR									
		COURSE DESC:		Honors tutorial thesis in political science									
A&S	POLS	POLS	4980T	Political Science Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
				CR, PR									
		COURSE DESC:		Honors tutorial thesis in political science.									
A&S	POLS	POLS	5010	American Constitutional Law	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Study of the politics of American constitutional law through the study of Supreme Court cases and other public documents.									
A&S	POLS	POLS	5015	Constitutional Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		The United States Constitution confers authority on the various branches of government in order to empower the federal government. At the same time, the Constitution is designed to restrain public officials in their exercise of institutional power to prevent abuse of government power. In Madisonian theory, the separation of powers system works when one branch challenges another in its exercise of power. Those who challenge another may be motivated by politics or partisanship, but they couch their challenge in constitutional language. Hence 'constitutional politics' serves as conflict that is healthy for the American constitutional order. The system is in trouble when public officials fail to engage in conflict; if one branch asserts excessive power and another branch does not challenge it, then the system runs into the danger of tyranny, which James Madison defined as the accumulation of powers in one branch. Course examines historic and recent constitutional issues to assess whether each branch has lived up to its responsibility of checking the others. If any branch has been remiss, we will explore why.									
A&S	POLS	POLS	5040	Civil Liberties	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		A problem-based approach to U.S. civil liberties law.									
A&S	POLS	POLS	5050	American Political Parties	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Examines the growth, development, and operation of political parties in the United States.									

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A&S	POLS	POLS	5060	Elections and Campaigns	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Examines the operation of political campaigns in the context of American elections.									
A&S	POLS	POLS	5061	Politics of Appalachia	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Provides an introduction to Appalachia, its identity, diversity, (political) culture, and political patterns; also political concerns such as migration, poverty, and powerlessness. The course investigates the region's political economy with a special focus on the coal industry and how it fits into the broader national economy. Finally, the course includes an examination of responses to various problems by all levels of government--national, regional, state, and local plus non-governmental actors; the course investigates reform and resistance efforts.									
A&S	POLS	POLS	5061	Politics of Appalachia	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Provides an introduction to Appalachia, its identity, diversity, (political) culture, and political patterns; also political concerns such as migration, poverty, and powerlessness. The course investigates the region's political economy with a special focus on the coal industry and how it fits into the broader national economy. Finally, the course includes an examination of responses to various problems by all levels of government--national, regional, state, and local plus non-governmental actors; the course investigates reform and resistance efforts.									
A&S	POLS	POLS	5062	American Voting Behavior	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Many studies of American elections are premised on the actions of individual voters (as well as potential voters and non-voters). Introduces the classics in the field of voting behavior research, along with recent studies that attempt to stand on the shoulders of these earlier works. Focuses on these two primary questions: a) why do people vote; b) how do they decide for whom to vote? One guiding concern is the issue as to whether voting behavior is self-interested or whether it reflects societal norms. Analyzes patterns of voting behavior in order to better assess American democracy and the manner in which it operates.									
A&S	POLS	POLS	5065	Public Opinion, Political Participation, and Protest	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Examines the nature and content of individual and mass political opinion and behavior with an emphasis on explanations of opinion changes, the connection between political opinion and political participation and protest activities, and the consequences of various forms of political behavior for government and democracy.									
A&S	POLS	POLS	5067	Women and Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Examines the role of gender in shaping American political life, with an emphasis on the empirical study of gender in politics.									
A&S	POLS	POLS	5151	Politics of Taxation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course examines sound principles of taxation in the national, state, and local governments. Taxation has also been used as a tool of fiscal policy primarily by the national government. This course will examine how budget and tax policies affect and are affected by the national economy and politics. This course also introduces various fiscal issues such as cost-benefit analysis, intergovernmental fiscal relations, and debt management.									
				Under the quarter system, POLS 490/590 B: Politics of Taxation has been offered for the past several years. This semester course is equivalent to the quarter course.									
A&S	POLS	POLS	5152	Public Sector Cost Accounting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The purpose of this course is to train students as skilled managers of financial and economic resources in public sector organizations. This course provides techniques to control and analyze short run and long run cost behaviors of public sector organizations in line with their goals, outputs, and outcomes, such as cash and debt management. This course also introduces techniques to develop financial reports for financial decision making in public sector organizations, augmented by various financial ratio analyses.									
A&S	POLS	POLS	5155	The White House: Management and Administration	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		The White House is the center of American public administration. Introduces the White House as a "mini-bureaucracy" at the hub of the national government, to include the Executive Office of the President, the White House Office, and the far reaching extensions of presidential bureaucratic power as embodied in such operations as presidential travel. Explores the role of staff within the White House. Focuses on the questions: a) how does the White House work; b) what makes it different from other bureaucracies in the American system of government?									
A&S	POLS	POLS	5180	Interest Groups in American Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Organization and tactics of pressure groups and their impact on the policy-making process.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5190	LGBTQ Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of LGBTQ political issues such as same-sex marriage, military inclusion, non-discrimination, and hate crimes.									
A&S	POLS	POLS	5210	The Politics of Law and Sexuality	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		An exploration of the regulation of sexuality in the U.S. from legal and theoretical perspectives. Cases and other materials will address a variety of issues including the right to privacy, pornography, the right to marry, and gays in the military.									
A&S	POLS	POLS	5210	The Politics of Law and Sexuality	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		An exploration of the regulation of sexuality in the U.S. from legal and theoretical perspectives. Cases and other materials will address a variety of issues including the right to privacy, pornography, the right to marry, and gays in the military.									
A&S	POLS	POLS	5230	Political Leadership	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines the role of leadership in democratic society, which an emphasis on the relationship between leaders and their constituencies, as well as the consequences of leadership decisions.									
A&S	POLS	POLS	5240	American Federalism and Public Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides an in-depth historical, political, and administrative examination of the American intergovernmental arena.									
A&S	POLS	POLS	5250	Environmental and Natural Resources Politics and Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines the institutional context and political dynamics of environmental policy-making in the United States. Topics include public support for environmental protection; the role of science in the policy process; the major actors and avenues of influence; and current policy issues.									
A&S	POLS	POLS	5260	Politics of the Contemporary Environmental Movement	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of the U.S. modern environmental movement including the characteristics and contributions of the mainstream; radical environmentalists' tactics and philosophies; grassroots environmentalism, and the role of women in environmental activism, and environmental racism and justice, and the role of people of color in the environmental movement.									
A&S	POLS	POLS	5270	Theories of American Foreign Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Exploration of different theoretical approaches used for the analysis of American foreign policies from past to present. Emphasis on explaining American foreign policy changes with the use of theories from international relations.									
A&S	POLS	POLS	5300	Politics in Western Europe	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Government and politics in several west European nations.									
A&S	POLS	POLS	5310	Politics in Eastern Europe	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Discussion of recent political shifts in eastern Europe, from communism through current revolutions/transitions. Special focus on construction of democratic institutions, economics reforms, post-communist justice, and ethnic politics.									
A&S	POLS	POLS	5340	Government and Politics of Latin America	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Political systems of Latin America. Emphasis on power relationships and political obstacles to change in contemporary Latin America.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5360	Government and Politics of Brazil	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys the politics and political institutions of Brazil. Includes an examination of the major historical developments in Brazilian politics; the country's governmental structure and political processes; the challenges and opportunities facing today's Brazil.									
A&S	POLS	POLS	5370	Government and Politics in Britain	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR A study of the major political processes, personalities, and institutions of British government, including key foreign policy issues.									
A&S	POLS	POLS	5380	Government and Politics in Germany	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Major political processes, personalities, and institutions of contemporary Germany, including key foreign policy issues									
A&S	POLS	POLS	5390	Government and Politics in France	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Major political processes, personalities, ideas, and institutions of modern France.									
A&S	POLS	POLS	5400	The Politics of Developing Areas	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Major theories and problems of political, sociocultural, and economic development in new states of Asia, Africa, and Latin America, with special emphasis on heritage of colonialism, struggle for independence, and political adjustments to rapid social and technological change.									
A&S	POLS	POLS	5410	African Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Development and structure of modern African states with emphasis on political processes in tropical Africa.									
A&S	POLS	POLS	5415	Religion and Global Politics	SEM	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of religious values, beliefs, and organized faith groups on global politics. Considers how religious laypeople and leaders impact political processes in domestic politics and international relations, as well as how faith communities compete and coexist in the political sphere. Approach will be both contemporary and historical, as well as comparative. Cases might include the impact of religion on global and national law, the role of religious activists in governmental and non-governmental organizations, the relationship between individual and collective religious values and national political outcomes, and the impact of secularism on politics. Focus will be global, although U.S. cases may be considered in comparative perspective.									
A&S	POLS	POLS	5415	Religion and Global Politics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of religious values, beliefs, and organized faith groups on global politics. Considers how religious laypeople and leaders impact political processes in domestic politics and international relations, as well as how faith communities compete and coexist in the political sphere. Approach will be both contemporary and historical, as well as comparative. Cases might include the impact of religion on global and national law, the role of religious activists in governmental and non-governmental organizations, the relationship between individual and collective religious values and national political outcomes, and the impact of secularism on politics. Focus will be global, although U.S. cases may be considered in comparative perspective.									
A&S	POLS	POLS	5420	Middle East Politics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examination of the major issues and dilemmas in contemporary Middle Eastern politics, including: the Arab-Israeli conflict, the role of religion and nationalism, the status of women, and efforts at development and democratization.									
A&S	POLS	POLS	5440	East Asia in World Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the evolution of East Asia in world politics in the postwar era, including both the historical antecedents and alternative theoretical perspectives, as well as a variety of contemporary, political, economic, and security issues related to this region.									
A&S	POLS	POLS	5450	Government and Politics of Japan	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Political institutions and processes of Japan with emphasis on developments since 1945.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5460	Government and Politics of China	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Political institutions and processes and major political developments in China, with emphasis on recent events.									
A&S	POLS	POLS	5470	Government and Politics of Southeast Asia	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Traditional governments in southeast Asia, Western colonialism, rise of nationalism, achievement of independence.									
A&S	POLS	POLS	5480	Comparative Public Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines and compares characteristics of public policy in various national political settings. Students: (1) discover more about how public policies in the United States differ from other countries; (2) think about why this is the case; (3) focus on how policies shape the political realm; and (4) develop the skills to become effective policy analysts.									
A&S	POLS	POLS	5490	Nationalism/Ethnic Conflict	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the nature of nationalism and its sources. Considers the nature of state boundaries and the political contention that can lead to violence based on national identity. Explores the means to resolve or prevent such conflicts.									
A&S	POLS	POLS	5495	The Challenges of Democratization	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Focuses on the process of democratization in historical and comparative perspective. Topics include historical and contemporary debates over the meaning of democracy and how to qualitatively and quantitatively "measure" democracy; the major theories of democratization, democratic transition, and consolidation; trends in authoritarian efforts to limit or prevent democratization; the theory and practice of institutional design in new democracies; case studies of successful and failed democratization.									
A&S	POLS	POLS	5497	Capitalism and Democracy	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the interaction between the economy and politics in a comparative context focusing on domestic issues and linkages, which in political science is called comparative political economy. Today most economies have a significant share organized along market capitalist lines, and these market capitalist economies are heavily shaped by the regime type whether democratic or non-democratic and variations within each sub-type, so comparative political economy is about capitalism and democracy or the lack thereof. Analysis takes a theoretical approach that emphasizes competing frameworks including liberalism, Marxism, and neo-mercantilism. Issues examined include welfare state politics, varieties of capitalism, market failure and the state, embedded capitalism, the role of business among others. Also examines the unique challenges facing less developed countries.									
A&S	POLS	POLS	5550	International Law	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Studies the contribution of international law to order, power, and justice in international politics. Explores historical origins and current problems in the field, with attention to classic debates over the sources, purposes, and interests associated with international law. Places formal aspects of law (centered on the United Nations and the International Court of Justice) within the wider context of global governance, including the influence of customary international law and the work of non-governmental organizations. Discussions and readings include critical perspectives on international law as a vehicle of power in a world of inequality.									
A&S	POLS	POLS	5555	Transitional Justice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Focused study of the emerging field of transitional justice, from war crimes tribunals and truth commissions to official apologies and reparations. Examines key challenges, such as: how uncovering truth should be balanced with providing justice; whether strategies focused on individual rights and criminal responsibility can alleviate social and economic injustices; and whether conflicting identities should be forgotten or transcended. Incorporates discussion of theoretical frameworks for addressing distributional conflicts, the politics of identity, and the politics of memory.									
A&S	POLS	POLS	5560	International Organization	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Studies efforts by state and non-state actors to organize and institutionalize international politics. Considers classical explanations for why states cooperate to form international institutions, and how these wield authority in a world of sovereign states. Examines the rise of non-state actors, including international non-governmental organizations (INGOs), terrorist networks, and transnational religious organizations. Specific cases discussed, including: the United Nations; the European Union, ASEAN, and other regional organizations; and various INGOs.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5565	International Human Rights	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Studies human rights as a vehicle for moral and legal change in international politics. Considers various ways of thinking about what human rights are and how they work at the international level. With a focus on the United Nations system, the course assesses problems and debates concerning the implementation and enforcement of human rights. Addresses difficult questions such as: How well do treaties work in promoting human rights? How can human rights be enforced in the absence of higher authority? And what role do non-state actors play? Considers case studies in a variety of issue-areas, such as: the use of torture, war crimes, indigenous rights, women's rights, and the right to development.									
A&S	POLS	POLS	5570	National Security in the Contemporary Era	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduces the concepts and problems of attaining international "security" in an ever-changing world. Profound changes at the international level have taken place in the past decade which have had a major impact on how we conceive of security. Provides an overview of the traditional and new sources for insecurity and explores the consequences of states' quests for security in the contemporary era.									
A&S	POLS	POLS	5580	Introduction to War and its Causes	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduces the concept and causes of war. Discusses the phenomenon of war in the broader context of social behavior, and explores the natural or unnatural elements of international violence.									
A&S	POLS	POLS	5590	Terrorism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduces the phenomenon of terrorism, in both its domestic and international forms. Through comparative case studies, aims to understand the motivations, goals, tactics, and strategies of terrorism. Considers the relationship between terrorists and the various political and cultural groups with which they interact from states and international authorities to transnational criminal networks and religious communities. Addresses the historical responses of state, regional, and international actors to terrorism and assesses competing views on how the United States and other nations could and should respond to this threat.									
A&S	POLS	POLS	5600	International Political Economy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the politics of the world economy. Topics covered include the politics of international trade, the politics of the international monetary system, and international cooperation.									
A&S	POLS	POLS	5630	African International Relations	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Overview of political, economic, and social issues that shape the external relations of African nations, and of non-state and international participants in these relations.									
A&S	POLS	POLS	5640	Critical studies in global humanitarianism	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course draws upon a variety of interdisciplinary materials that examine humanitarianism as an expression of global civil society, a mechanism of global governance, and an instrument of power and politics. This course is organized around a specific set of themes intended to: (1) unsettle prevailing norms of humanitarian practice; (2) disrupt the politics legitimated by various humanitarian appeals; and (3) uncover the multitude of humanitarian sensibilities that shape social interactions across the global North and South. Throughout the semester, we explore the entanglements of humanitarianism in religious faith, aid economies, imperialism, human security, and military intervention across different contexts.									
A&S	POLS	POLS	5650	Global Media Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course studies mediated communication in global politics, including both the impact of mass media on the foreign policies of states and the more recent use of social media by state and non-state actors. Readings and discussions address the role of mediated communication in public opinion, political mobilization, citizenship, identity, global justice, and democratic deliberation. The course uses historical and contemporary case studies germane to the study of international politics, including major wars, revolutionary movements, breaches of state secrecy and cybersecurity, Internet freedom, and efforts to promote global political dialogue. Students consider both tendencies of mediated communication to sow enmity and conflict and opposing trends toward universal connectivity and transnational citizenship.									
A&S	POLS	POLS	5700	Democratic Theories and Practices	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Placing contemporary democracies in both historical and comparative context, examines the relationship between legitimacy, authority, participation and voice. Central focus is the 'edges' or boundaries of democracies: is there a private realm at the edge of democracy? How is it established? What is democracy's jurisdiction? There are margins within and outside of a democratic community, where lines between insiders and outsiders are drawn and redrawn. How do location and membership shape our practices of democratic responsibility? What is the relationship between injustice and democracy?									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5705	The Politics of Rights	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		There are few legal, normative, and political issues more important than the efforts and struggles surrounding rights. It could be argued that the emergence of democratic political systems rested much of their legitimacy upon the claim that they guaranteed certain fundamental rights for citizens. Course examines the multifaceted character of rights discourse and struggles. The varied origins of rights narratives will be explored, as well as the controversies over the extension and effectiveness of rights to diverse populations. Students think critically about the rights they take for granted as well as the rights yet to be granted, to themselves and/or others.									
A&S	POLS	POLS	5710	Contemporary Radical and Critical Theories	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Examines contemporary political and social theories that have been critical of historically hegemonic ideas and regimes. Begins with theories that assume a relationship between knowledge and power, and also between theory and practice. Includes expansive concepts of politics that go beyond government. Theories such as Marxism, psychoanalysis, structuralism and post-structuralism, deconstruction, feminism, anarchism, animal rights, critical race theory and postcolonial theory may be examined.									
A&S	POLS	POLS	5720	Resistance, Reform, and Revolution	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Explores the intertwined character of power and resistance. In the process, gain both an understanding of forms of power and resistance in everyday life, and to use such an understanding to negotiate the power in our own lives. Also explores how power is not only prohibitive, but productive; and attempts to figure out what that means for our quests to live good lives and to experience freedom.									
A&S	POLS	POLS	5730	Animal/Human/Machine	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Political theorists are concerned with concepts of political agency. How does political action occur? Who can be political? What are the terms of political discourse? During the past 10-15 years, a "post-humanist" discourse has emerged. This has come from two main sources. First, a whole host of studies in psychology and biology have challenged the idea of human exceptionalism (i.e. the idea that humans are a unique animal). In study after study, things once thought to be unique to humans are found in animals (use of tools, communication of relatively complex ideas that some call language acquisition, emotions, laughter, lying, making war, etc.). This is not coming from animal rights, but from science itself. Second, technology and experiments with artificial intelligence, computers, social networking, sex-change surgery, artificial insemination, etc. have challenged us to find new ways to conceptualize thought and the body. These also challenge what it means to be human. Given that an assumption about the stability of the category "human" has been the principle anchor for all theories of politics up till now, these scientific discussions pose important problems for politics, and consequently, for political science.									
A&S	POLS	POLS	5738	The Politics of Race in Global Context	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the transnational origins, scope, and diffusion of racial ideas and materiality. Begins with a basic introduction to the concept of race, its origins and evolution in the global realm and its subsequent centrality to discourses of modernity, empire and capitalism. Explores race as a system of global power relations that has changed over time, manifests differently across space, and exists on multiple planes. Close attention is paid to the operation of racial politics along multiple geographic and temporal scales in order to discover how race can independently affect both domestic policy outcomes and international relations among nation-states.									
A&S	POLS	POLS	5739	Politics of Race	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Examines various, intricate relationships between race and politics in the United States. Starts with a basic introduction to the concept of race, its origins and evolution. Attention paid early on to the contradictory projects of democracy and racial hierarchy, specifically, the enterprise of white supremacy. Looks at past and present racial topographies, including, but not limited to, trends in partisanship, political ideology and voter turnout per racial group. Examines how the three branches of government have supported America's war on drugs, and subsequently how this war has differentially impacted the American people on lines of race, gender, and class. Investigates how racial identity is shaped by varying economic, social and political contexts, and further how these identities can be mobilized for collective purposes. We think critically about what is at stake in adhering to or diverging from particular racial identities in the political and social arena, how racial identities are policed by group members, and lastly, what is at stake in defining racial authenticity. Last set of readings treat the ways racial anxieties are manipulated during electoral campaigns as a strategy for specific political gains.									
A&S	POLS	POLS	5740	Sexuality and Queer Theories	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Explores intersections of gender and sexuality with other primary forms of identity including but not limited to race, ethnicity, religiosity, class and culture. Queer theorizing explored both as a critical tool and as a resource for a more transformative alternative politics.									
A&S	POLS	POLS	5750	Politics and Film	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		For many political scientists and theorists, politics involves an ongoing conversation over the meaning and distribution of power in our lives. A major part of the discussions and debates are the various forms of entertainment that many times attempt to represent the world around us through film, music, and other media. Examines the diverse ways that politics, power, and film intersect and co-constitute one another. Investigates how race, sex, class, gender and other identity formations are represented in film, attempting to discern how images either perpetuate or resist dominant societal norms.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5751	Critical Race Theory	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines, analyzes, and theorizes race and racism from a critical and politicized perspective. This rich theoretical perspective points out that racism is still a pervasive part of contemporary societies, and seeks out effective ways to challenge racism's existence and impact on various groups and societies. Examines Critical Race Theory as a theoretical and political alternative for understanding and criticizing racism in contemporary settings. Critical Race Theory critiques perspectives that claim far-reaching progress has been made combating racism. Challenges students to think in new ways about contemporary manifestations of racism. Explores innovative ways to challenge the widespread prevalence of racism.									
A&S	POLS	POLS	5752	The Politics of Intersectionality	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the emergence and prevalence of 'intersectionality' as a theoretical framework, political practice, and terrain of lived experience. Intersectionality signifies the simultaneity of identities and is commonly considered a robust approach to examining complicated, lived experiences. Intersectionality illuminates how multiple forms of disempowerment intersect and interact with one another, and captures the ways such intersections lead to deeper and more complex forms of subordination. Examines how a person who suffers from racism, poverty, and sexism has a much different lived experience than a person who may experience racist oppression, but whose sex and class status are privileged according to societal norms and expectations.									
A&S	POLS	POLS	5753	American Whiteness	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Engages Critical Race Theory and Critical White Studies in order to better understand how 'whiteness' perpetuates itself and racism as well. Critically examines the concept of whiteness, and what it has meant to the (white) public over time. To what extent is being white a biological, ideological, psychological, or political phenomenon? Introduces theories of whiteness as a legal construction, as a privileged status, and as a dynamic social identity. Aids understanding the political meaning of whiteness by examining the relationship of whiteness to American citizenship, immigrants' motivations to assimilate into whiteness, and by learning how politicians and governmental bodies have protected the interests of white Americans by inscribing white privilege into public policies. Investigates white American public opinion on political issues, their attitudes about people of color, as well as what they think about their own racial group and racial identity. Discusses the normative quality of white racial identity, and how colorblind ideology makes it difficult to see and understand whiteness as power and privilege. Examines the contexts in which whiteness is made visible, and how awareness of white racial identity can be cultivated.									
A&S	POLS	POLS	5754	Black Political Thought	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Surveys various ideological traditions that have inspired the political visions and agendas of Black Americans. Though white supremacy has negatively affected the lives of Black Americans for centuries, the response to racial oppression has been far from monolithic. In challenging white hegemony and racial oppression, Black thinkers have addressed the contradictions inherent in the joint projects of egalitarianism and racial hierarchy. Some of the greatest contributions to American political thought emerged from competing ideological frameworks, such as the debate over accommodation versus full and immediate racial integration, nonviolence versus self-defense, and socialism versus capitalist entrepreneurship, just to name a handful of contests. In envisioning an optimal racial environment, generations of activists have inserted their concerns over other related social arrangements such as sexism, classism and heterosexism, and have consequently pushed Black and non-Black Americans alike to imagine their ideal political conditions.									
A&S	POLS	POLS	5755	Latinos and Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Explores the histories and contemporary politics of the diverse and expanding Latino population. Focuses on people of Mexican, Puerto Rican and Cuban descent, but incorporates other groups where information is available. Covers how patterns of immigration and resources shape the foundation for Latinos' political incorporation and mobilization within the United States. Examines the political needs and goals of various Latino sub-groups by studying public opinion, voting patterns and non-electoral behavior, and will assess the extent to which these groups are able to achieve their visions. Reflects upon the unity and tension within this group. Assesses whether Latinos have a set of political attitudes and behaviors that distinguish them from other racial groups.									
A&S	POLS	POLS	5756	The Politics of Visibility	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Vision and visibility are key organizing features of political inquiry, responsibility, governability, and contestation. Particularly in a contemporary setting inundated with technologies for seeing and rendering a wide variety of subjects and phenomena visible, power and visibility have become intrinsically interconnected. Studies the various manifestations of vision, visibility, and invisibility. Racialized politics of visibility especially emphasized, along with the multifaceted ways that visible identities more generally render some bodies and subjects more susceptible to political surveillance, social control, and discrimination.									
A&S	POLS	POLS	5757	Race, Violence and Human Security	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR There are few issues in contemporary politics more important than human security. There are also few forms of oppression and discrimination more important than racism. Yet, envisioning and seeing the various ways that racism leads to vast and deep human insecurity have generally been neglected as political problems and inquiries. Addresses racism and racial violence as human security issues, encouraging students to search out creative ways to reduce the varied hostile environments that emerge from racist forces.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5758	Race and Public Policy in Comparative Perspective	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seeks to conceptualize, explore and explain the complex relationships between race and the creation, implementation and evaluation of public policy. First half offers overview of some dominant theories of public policy, including rational actor models, institutionalism, policy framing and agenda-setting, causal stories, and policy networks. Second, applies these theories in order to complete a more in-depth examination of policy areas that have either implicitly or explicitly institutionalized racial difference and/or disadvantage. Focus will be comparative; though substantial examples drawn from the United States and the industrialized world, also draws insights from developing contexts as necessary.									
A&S	POLS	POLS	5759	Interracial Transgressions	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores multiple arenas of interracial transgressions. Explores the complexities of interracial transgressions by analyzing the role of politics, law, policy, literature, film, geopolitics and vernacular discourse in the construction of interracial relationships, transracial contact zones and multiracial identities. Drawing from case studies in the United States, Canada, Great Britain, South Africa, Australia and Brazil, examines a wide variety of issues related to the construction of mixed-race as a social identity and mode of racial classification, and the potential for racial transgressions in areas of sex, love, friendship, media, dance, music and geography, paying particular attention to the complex relationships among race, gender, class, and sexuality.									
A&S	POLS	POLS	5760	American Political Thought	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Origin and development of political ideas in the U.S. experience.									
A&S	POLS	POLS	5765	Diaspora, Transnationalism and Post-Colonialism	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course introduces students to the theories, concepts and applications of the field of post-colonial, transnational and diaspora studies. As post-colonial studies is a wide field, we are engaged here in acquiring a working knowledge of its major ideas, conceptual platforms and methods of inquiry that are the bases of post-colonial studies. We will be examining some of the key themes in post-colonial studies, as well as reading some of the foundational texts on which the field of post-colonial studies is grounded.									
				The varied and multi-disciplinary fields of study that form our theoretical framework are founded on three premises: a) that whilst the era of formal colonialism is over, the social institutions, cultural practices and ideological formations produced by colonialism and other forms of oppression have left their legacy in the contemporary world; b) that mainstream ways of thought, interpretation and action have been informed and continue to be permeated by dominant conceptions from the West; and c) that race is a transnational phenomenon, tied to and imbued with the power of modernity.									
				These foundations provide some identifiable common denominators: a willingness to challenge the hegemonic assumptions of the West; a moral imperative to understand history and society from the point of view of those it has least benefited and who have been marginalized and even oppressed; an understanding that the current world system is the result of a world-historical racial project; and as a result, a theoretical commitment to developing new, more inclusive and more progressive ways of thinking and analyzing social, economical, political and historical forces that critically interrogate Western hegemonic forms of knowledge. Post-colonialism therefore includes studies of the formal colonial period and its aftermath. We are here mostly concerned with late colonialism, and the majority of this course will focus, although not exclusively, on the British colonial empire. This course is highly theoretical and interdisciplinary. Material will be chosen from a wide variety of geographical areas and from post-colonial thinkers from different disciplines.									
A&S	POLS	POLS	5770	Legal Theory and Social Problems	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of legal reasoning and normative values of judges, lawyers, and legal theorists, in shaping legal solutions to contemporary social problems.									
A&S	POLS	POLS	5780	Feminist Political Theories and Movements	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores feminist work as both a vital critical perspective and a source of alternative and transformative visions. Examine mechanisms and manifestations of patriarchy as they play out across fields of struggle--cultural, social, economic, as well as traditional political spaces. The relationship between patriarchal forms of oppression and other practices of domination--race, sexuality, class, or ethnicity based critically analyzed. Normative visions generated from feminist perspectives explored as alternatives to patriarchal orderings.									
A&S	POLS	POLS	5800	Program Evaluation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examines what factors affect the performance of public programs and organizations. Surveys the processes of policy formulation and implementation within the context of politics. Students expected to design evaluation methods and conduct statistical analysis of governmental interventions									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5805	Political Science Fiction	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Science fiction holds a mirror to the norms, rules and institutions that exist in the contemporary political world, engaging in fundamental comparisons about the way the world is, how it came to be, and what alternatives may exist for the political future. Examining and analyzing the prominent themes and issues in these fictional worlds sheds light on past, present, and future political phenomena of our real one. The course examines works of science fiction (both literature and film) side-by-side with political analyses of a variety of topics: state- and nation-building, war and peace-building, citizenship, race, gender, bio-ethics, revolution and rebellion, the military industrial complex, capitalism and democracy. For example, fiction works that may be used in the course include Foundations, Game of Thrones, the Hunger Games, World War Z, the Handmaid's Tale, Battlestar Galactica, Star Trek, etc. Science fiction literature and film are points of departure for a more substantive focus on these and other important issues in contemporary politics.									
A&S	POLS	POLS	5830	Introduction to Research Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		Principles and techniques of social science research.							
A&S	POLS	POLS	5840	The Politics of Sustainability	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		Political questions are interwoven throughout the discourse and practice of sustainability. Is there a difference between sustainability and sustainable development? Is environmental sustainability the paramount goal, or should natural capital be sacrificed to pursue economic prosperity and social equity? Analyzes the inherent ambiguities of the three dimensions of sustainability--environmental, economic and social sustainability--and the political challenges associated with achieving sustainability at the local, national and global scales.							
A&S	POLS	POLS	5880	Environmental and Public Policy Dispute Resolution	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		Examines how collaborative dispute resolution approaches can be used to address complex public issues such as land use disputes, the management of natural resources, and the use of social services. Topics and skill building exercises include conflict assessment, consensus-based decision-making, interest-based negotiation, mediation, and the politics of public dispute resolution.							
A&S	POLS	POLS	5900	Special Topics in Political Science	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR		Specific course content will vary with offering.							
A&S	POLS	POLS	5900	Special Topics in Political Science	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR		Specific course content will vary with offering.							
A&S	POLS	POLS	5901	Special Topics in American Politics	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		In-depth exploration of a special topic in American politics. Exposed to key concepts, theoretical debates, and/or methodological concerns with respect to the field of American politics.							
A&S	POLS	POLS	5902	Special Topics in Law and Politics	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		In-depth exploration of a special topic in the study of law and politics. Exposed to advanced research, key concepts, theoretical debates, and/or methodological concerns with respect to the study of the politics of law in domestic and global settings. .							
A&S	POLS	POLS	5903	Special Topics in Political Theory	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		In-depth exploration of a special topic in political theory. Exposed to key concepts, theoretical frameworks, and or methodological concerns with respect to the field of political theory.							
A&S	POLS	POLS	5904	Special Topics in International Relations	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		In-depth exploration of a special topic in international relations. Study relevant cases, as well as the theories and concepts scholars and practitioners use to understand the topic under consideration.							
A&S	POLS	POLS	5905	Special Topics in Comparative Politics	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR		In-depth exploration of a special topic in comparative politics. Exposed to key concepts, theoretical debates, and/or methodological concerns with respect to the field of comparative politics.							

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5910	Public Affairs Internship	INT	IN	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides qualified students with the opportunity to learn through working in selected public and private agencies related to public affairs.									
A&S	POLS	POLS	5931	Independent Study in American Politics	IND	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of American politics not covered in regular course offerings.									
A&S	POLS	POLS	5931	Independent Study in American Politics	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of American politics not covered in regular course offerings.									
A&S	POLS	POLS	5932	Independent Study in Law and Politics	IND	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of law and politics not covered in regular course offerings.									
A&S	POLS	POLS	5932	Independent Study in Law and Politics	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of law and politics not covered in regular course offerings.									
A&S	POLS	POLS	5933	Independent Study in Political Theory	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of political theory not covered in regular course offerings									
A&S	POLS	POLS	5934	Independent Study in International Relations	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of international relations not covered in regular course offerings.									
A&S	POLS	POLS	5935	Independent Study in Comparative Politics	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study designed to expand understanding in a selected area of comparative politics not covered in regular course offerings.									
A&S	POLS	POLS	5941	Research in American Politics	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual supervised research on a selected aspect of American government and politics based on student's special interest.									
A&S	POLS	POLS	5942	Research in Law and Politics	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual supervised research on a selected aspect of law, courts, or socio-legal theory based on student's special interest.									
A&S	POLS	POLS	5943	Research in Political Theory	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual supervised research on selected aspects of political theory based on student's special interest.									
A&S	POLS	POLS	5944	Research in International Relations	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual supervised research on a selected aspect of international relations based on student's special interest.									
A&S	POLS	POLS	5945	Research in Comparative Politics	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual supervised research on a selected aspect of comparative government and politics based on student's special interest.									

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A&S	POLS	POLS	6000	Seminar in Political Science Scope and Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Acquaints graduate students with the field of political science and is organized around issues in the philosophy of social science. Provides students with the tools to frame research questions within the field of political science and to go about answering them.									
A&S	POLS	POLS	6010	Seminar in Quantitative Research Methods	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course provides students with a foundation for understanding the use of common quantitative research methods in political science.									
A&S	POLS	POLS	6020	Advanced Quantitative Research Methods	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: POLS 6010 PR									
		COURSE DESC:		This course examines advanced quantitative methods used in political science. Students will learn when and how to apply particular techniques to address important research questions in political science. The course will begin with an in-depth analysis of multiple regression, move on to consider extensions of the multiple regression model, and finally introduce maximum likelihood estimation.									
A&S	POLS	POLS	6020	Advanced Quantitative Research Methods	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: POLS 6010 PR									
		COURSE DESC:		This course examines advanced quantitative methods used in political science. Students will learn when and how to apply particular techniques to address important research questions in political science. The course will begin with an in-depth analysis of multiple regression, move on to consider extensions of the multiple regression model, and finally introduce maximum likelihood estimation.									
A&S	POLS	POLS	6100	Seminar in American Politics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to the subfield of American politics.									
A&S	POLS	POLS	6120	Seminar in American Politics II: Executive & Legislative Institutions	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: POLS 6100 PR									
		COURSE DESC:		Introduces some of the latest theoretical innovations in theories of American political institutions (executive & legislative). It explores how the make-up of executive and legislative institutions influences their behavior at the federal and state levels. Institutional actions that will be covered in the class include war-making, budgetary decision-making, and policy-making in the social and economic arenas. The impact of external actors--political parties, interest groups, the media--will also be investigated.									
A&S	POLS	POLS	6300	Seminar in Comparative Politics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course examines some of the main theories, concepts, approaches and themes in comparative politics.									
A&S	POLS	POLS	6500	Seminar in International Politics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A graduate-level introduction to the study of international politics and international affairs. Considers various frameworks and approaches from international relations and adjacent disciplines in the humanities and other social sciences. Applies both traditional and critical approaches (addressing race, gender, and other aspects of inclusion and exclusion as important aspects of international politics) to topics such as: causes of war; international norms and institutions; economic and political integration; role of non-governmental organizations, terrorist networks, and other non-state actors; humanitarian interventions and human rights; and the impact of globalization. Emphasis on critical assessment of how competing frameworks shape the way we understand these challenges.									
A&S	POLS	POLS	6600	Seminar in Law and Politics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		An introduction to scholarly approaches to the study of law and courts.									
A&S	POLS	POLS	6700	Seminar in Political Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course introduces students to key concepts in normative, western political theory. The course will begin with the development of the idea of democracy in ancient Greece, and will cover significant works up through the present. Concepts discussed may include ideas such as the political, humanism, the role of religion in politics, democracy and representation, political legitimacy, authority, political obligation, citizenship, equality, freedom, identity, the public, the private, the market, tradition, modernity, revolution and social change. Students will be encouraged to think about how these ideas are enmeshed with regimes of power, and how they have shaped political debates both historically and in the present.									

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A&S	POLS	POLS	6900	Special Topics in Political Science	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	POLS	6900	Special Topics in Political Science	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	POLS	6950	POLS Master's Thesis	THE	TH	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Research, writing, and preparing a Master's thesis.									
A&S	POLS	T3	4850	Sustainability Citizenship	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only and two credit hours in Tier II Social Sciences and two credit hours in Tier II Natural Sciences									
		COURSE DESC:		Sustainability challenges of the 21st century require us to meet the needs of the present while safeguarding Earth's life-support systems on which the welfare of current and future generations depends. These challenges call for the reinvention of citizenship. Conventional models of citizenship are inadequate for tackling the social, economic, and environmental dimensions of sustainability problems; do not match the realities of social-ecological systems; and provide little guidance for addressing equity within and between generations. In this multidisciplinary course students will investigate changing citizenship norms; the core principles of sustainability citizenship; and the practice of sustainability citizenship in the private and public spheres from the local to the global levels.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	1010	General Psychology GEC1: A-F REQUISITE: Introduction to psychology. Survey of topics in experimental and clinical psychology including physiological bases of behavior, sensation, perception, learning, memory, human development, social processes, personality, and abnormal behavior.	LEC	EL	3	0	2SS	N	U10	CORRESPOND	0
A&S	PSY	PSY	1010	General Psychology GEC1: A-F REQUISITE: Introduction to psychology. Survey of topics in experimental and clinical psychology including physiological bases of behavior, sensation, perception, learning, memory, human development, social processes, personality, and abnormal behavior.	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
A&S	PSY	PSY	1090	Optimizing Your Psychology Major GEC3: A-F, REQUISITE: Fr only CR Provides first-year psychology majors with a background in psychology as a profession and as a major. Aim is to assist students in planning a course of study that will support their major and career aspirations.	LEC	LE	1	0		N	U10		75
A&S	PSY	PSY	1110	Elementary Statistical Reasoning GEC1: A-F REQUISITE: (MATH D004 or D005 or 101 or 102 or 1200 or Math Placement Level 1 or higher) and WARNING: no credit for this course if taken after (Math 250 or MATH 2500 or ISE 3040 or ISE 3200 or PSY 2110 or QBA 2010) Introduction to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of statistical information typically encountered in everyday life. No credit if already credit for PSY 2110 or QBA 2010 or Math 2500 or ISE 3040 or ISE 3200; no credit toward psychology major.	LEC	LE	3	0	1M	N	U10		0
A&S	PSY	PSY	1900	Special Topics in Applied Psychology GEC6: CR, REQUISITE: PR, F Workshops on specific topics in applied psychology, offered yearly. Students seeking academic credit must complete satisfactorily written project determined by instructor. Graded credit/no credit.	SEM	SE	1	3		N	U30		0
A&S	PSY	PSY	2110	Statistics for the Behavioral Sciences GEC1: A-F REQUISITE: (MATH 1200 or MATH 1300 or MATH 2301 or Math placement level 2 or higher) and WARNING: not COMS 3520 or MATH 2500 or QBA 2010 Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520.	LEC	EL	4	0	1M	N	U10	CORRESPOND	0
A&S	PSY	PSY	2110	Statistics for the Behavioral Sciences GEC1: A-F REQUISITE: (MATH 1200 or MATH 1300 or MATH 2301 or Math placement level 2 or higher) and WARNING: not COMS 3520 or MATH 2500 or QBA 2010 Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520.	LEC	LE	4	0	1M	N	U10	CORRESPOND	0
A&S	PSY	PSY	2120	Research Methods in Psychology GEC1: A-F REQUISITE: PSY 101D or 1010 and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010) Training in scientific methods and techniques of modern experimental psychology with individual reports of experiments.	LEC	LE	4	0		N	U30		0
A&S	PSY	PSY	2210	Physiological Psychology GEC1: A-F REQUISITE: PSY 101D or 1010 Physiological mechanisms involved in perception, movement, motivation, learning, emotions, and mental disorders. Anatomy, physiology, and chemical activities of cells in the nervous and endocrine systems. Research approaches for studying interactions between physiology and behavior.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	2310	Cognitive Psychology GEC1: A-F REQUISITE: PSY101D or 1010 and (1110 or 2110 or MATH2500) Theoretical and experimental investigations of learning in human beings: concept learning, problem solving, memory, motor skills, and language.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	2410	Child and Adolescent Psychology GEC1: A-F REQUISITE: PSY101D or 1010 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EDEC 1600 or EDEL 2000 Basic principles of human development from the prenatal period through adolescence. Theory and literature on physical, cognitive, and socioemotional development. No credit awarded if HCCF 1600 or EDEL 2000 has been taken. Will not count toward requirements for Education majors.	LEC	EL	3	0		N	U30		0

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A&S	PSY	PSY	2410	Child and Adolescent Psychology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY101D or 1010 and	WARNING: No credit for both this course and the following (always deduct credit for first course taken);	EDEC 1600 or EDEL 2000					
		COURSE DESC:		Basic principles of human development from the prenatal period through adolescence. Theory and literature on physical, cognitive, and socioemotional development. No credit awarded if HCCF 1600 or EDEL 2000 has been taken. Will not count toward requirements for Education majors.									
A&S	PSY	PSY	2420	Educational Psychology	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 101D or 1010 and	WARNING: not EDCI 2700 or EDTE 2000						
		COURSE DESC:		Applications of psychological theories and models to educational settings (emphasis on schools). Major topics include goals of education; cognitive, social, and affective development in children; cognitive and behavioral models of learning; motivation; individual differences; effects of social class, ethnicity, gender, and cultural deprivation on learning and development; tests and evaluation. Emphasis is on the role of teachers and parents as facilitators of learning and development. No credit awarded if EDCI 2700 OR EDTE 2000 has been taken.									
A&S	PSY	PSY	2420	Educational Psychology	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 101D or 1010 and	WARNING: not EDCI 2700 or EDTE 2000						
		COURSE DESC:		Applications of psychological theories and models to educational settings (emphasis on schools). Major topics include goals of education; cognitive, social, and affective development in children; cognitive and behavioral models of learning; motivation; individual differences; effects of social class, ethnicity, gender, and cultural deprivation on learning and development; tests and evaluation. Emphasis is on the role of teachers and parents as facilitators of learning and development. No credit awarded if EDCI 2700 OR EDTE 2000 has been taken.									
A&S	PSY	PSY	2510	Social Psychology	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010 or PSY101D							
		COURSE DESC:		Theory and research on the ways that people think about, influence, and relate to one another. Specific topics include attitudes and behavior, social perception and cognition, conformity, persuasion, group influence, aggression, attraction, and helping behavior.									
A&S	PSY	PSY	2510	Social Psychology	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010 or PSY101D							
		COURSE DESC:		Theory and research on the ways that people think about, influence, and relate to one another. Specific topics include attitudes and behavior, social perception and cognition, conformity, persuasion, group influence, aggression, attraction, and helping behavior.									
A&S	PSY	PSY	2540	Psychology of Peace and Cooperation	DIS	DI	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010							
		COURSE DESC:		This lecture- and discussion-based course introduces undergraduate students to the ways in which psychology can be used to further the study of peace between individuals, groups, and societies. The course is divided into five sections: (1) What psychology can contribute to the study of peace; (2) The psychology of peace at the individual/dispositional level; (3) The psychology of peace at the interpersonal/relational level; (4) The psychology of peace at the intergroup/collective level; and (5) Achieving peace and building cooperation in society. Students gain a greater appreciation of both psychological theories related to peace and application of these theories to real-world issues (e.g., how peace can actually be achieved).									
A&S	PSY	PSY	2540	Psychology of Peace and Cooperation	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010							
		COURSE DESC:		This lecture- and discussion-based course introduces undergraduate students to the ways in which psychology can be used to further the study of peace between individuals, groups, and societies. The course is divided into five sections: (1) What psychology can contribute to the study of peace; (2) The psychology of peace at the individual/dispositional level; (3) The psychology of peace at the interpersonal/relational level; (4) The psychology of peace at the intergroup/collective level; and (5) Achieving peace and building cooperation in society. Students gain a greater appreciation of both psychological theories related to peace and application of these theories to real-world issues (e.g., how peace can actually be achieved).									
A&S	PSY	PSY	2710	Abnormal Psychology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	7 Hours in PSY including 101D or 1010							
		COURSE DESC:		Development, presentation, and assessment of psychological disorders, with evaluation of major etiological theories and research findings.									
A&S	PSY	PSY	2720	Psychology of Personality	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 101D or 1010							
		COURSE DESC:		Development, organization, and assessment of personality, with evaluation of major theoretical perspectives and research on personality.									
A&S	PSY	PSY	2900	Special Topics in Psychology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PSY	PSY	2900	Special Topics in Psychology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	2970T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Tutorial experience on a wide range of topics.									
A&S	PSY	PSY	2971T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Tutorial experience on a wide range of topics.									
A&S	PSY	PSY	2980T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Tutorial experience on a wide range of topics.									
A&S	PSY	PSY	2981T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Tutorial experience on a wide range of topics.									
A&S	PSY	PSY	3110	Advanced Statistics for the Behavioral Sciences	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 101D or 1010 and 2120									
		COURSE DESC:		Continuation of 2110. Statistical techniques through multifactor analysis of variance and multiple regression analyses. Integration of experimental design with statistical analyses. Does not apply to Arts and Sciences social sciences or natural sciences requirement.									
A&S	PSY	PSY	3120	Tests and Measurements	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY101D or 1010 and (1110 or 2110 or MATH2500)									
		COURSE DESC:		Tests, psychophysical methods, scaling techniques, and questionnaires. Basic criteria including reliability, homogeneity, and validity.									
A&S	PSY	PSY	3210	Sensation and Perception	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PSY 101D or 1010) and (1110 or 2110 or QBA 2010)									
		COURSE DESC:		Study of the psychophysical, biophysical, and psychological processes that underlie sensory and perceptual phenomena -- with an emphasis on visual and auditory modalities, including perception of objects, space, events, and perceptual development.									
A&S	PSY	PSY	3220	Learning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PSY 101D or 1010) and (1110 or 2110 or QBA 2010)									
		COURSE DESC:		Experimental investigation of classical and operant conditioning, discrimination learning, generalization, related phenomena.									
A&S	PSY	PSY	3230	Comparative Psychology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in PSY including 101D or 1010 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): BIOS 2100									
		COURSE DESC:		Behavior of animals across phylo-genetic scale. Interaction of genetics, hormones, learning, etc., in development of behavior. Lecture, lab, field trips, and naturalistic movies.									
A&S	PSY	PSY	3240	Human Psychophysiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PSY 101D or 1010) and (1110 or 2110 or QBA 2010)									
		COURSE DESC:		Relationships between psychological variables and physiological events in humans. Measures of cardiovascular, electrodermal, muscle, respiratory, and central nervous system activity; recording techniques; research findings; and applications such as biofeedback and lie detection.									
A&S	PSY	PSY	3250	Psychology of Health and Illness	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in PSY including 101D or 1010									
		COURSE DESC:		Theory and research on the psychological aspects of physical health and illness; interrelationships of behavior, emotion, stress, lifestyle, and illness; psychological factors in disorders such as hypertension, coronary artery disease, headache, asthma, and immune disorders; applications and effectiveness of psychological interventions.									
A&S	PSY	PSY	3310	Human Memory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 101D or 1010 and 2120									
		COURSE DESC:		Structure and processes of human memory, including historical models of memory, contemporary theories of memory, techniques used in memory experimentation, memory stores, memory codes, mnemonic devices, memory failures, neurological basis of memory and memory failures, and computer models of memory.									
A&S	PSY	PSY	3320	Psycholinguistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 101D or 1010 and 2120									
		COURSE DESC:		How people produce, understand, and acquire language; psychological and linguistic theories. Emphasis on use of language.									
A&S	PSY	PSY	3330	Human Judgment and Decision Making	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (PSY 101D or 1010) and 2110 and 2120									
		COURSE DESC:		Descriptive and prescriptive models of human judgment and decision making. Topics include how people understand uncertainty, and how they learn the relationships that enable them to make predictions, make decisions when the outcomes of these decisions are uncertain, and perceive risks.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	3410	Behavior Genetics and Individual Differences	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in PSY including 101D or 1010						
		COURSE DESC:		Extensive survey of individual differences and their relationship to genetic factors. Topics include chromosomal abnormalities, inborn errors of metabolism, genetic and prenatal screening, behaviors in infants, genetics and intellectual differences, psychopathology and genetics, racial differences, and continuing evolution of behavior.									
A&S	PSY	PSY	3420	Psychology of Adulthood and Aging	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in PSY including 101D or 1010 (2410 is recommended)						
		COURSE DESC:		Behavioral change and continuity over adult years through old age. Emphasis on interaction of psychological, sociocultural, and biological variables as they contribute to behaviors of aging individual from perspective of developmental framework.									
A&S	PSY	PSY	3430	Psychological Disorders of Childhood	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PSY 101D or 1010 and (EDEC 1600 or EDEL 2000 or PSY 2410)						
		COURSE DESC:		Characteristics, etiology, and treatment of abnormal child behavior: anxiety, mood, developmental, eating, attention-deficit, conduct, and selected pediatric disorders.									
A&S	PSY	PSY	3440	Psychology of Gender	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		7 Hours in PSY including 101D or 1010						
		COURSE DESC:		Discussion and critique of major concepts and theories of the psychology of gender; review of research on gender differences in major psychological and social domains; discussion of controversial issues related to the study of gender in psychology.									
A&S	PSY	PSY	3440	Psychology of Gender	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		7 Hours in PSY including 101D or 1010						
		COURSE DESC:		Discussion and critique of major concepts and theories of the psychology of gender; review of research on gender differences in major psychological and social domains; discussion of controversial issues related to the study of gender in psychology.									
A&S	PSY	PSY	3510	Motivation	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in PSY including 101D or 1010						
		COURSE DESC:		Survey of theories of motivation, with emphasis on human motivation.									
A&S	PSY	PSY	3510	Motivation	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in PSY including 101D or 1010						
		COURSE DESC:		Survey of theories of motivation, with emphasis on human motivation.									
A&S	PSY	PSY	3520	Social Psychology of Justice	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in PSY including 101D or 1010						
		COURSE DESC:		Theory and research on the interface of psychology and the legal system (with an emphasis on social psychology). Specific topics include dilemmas faced by psychologists in the legal system; legality vs. morality; the socialization, training, and ethics of lawyers and police; perception memory and error in eyewitness testimony; hypnosis; lie detection and confessions; rights of victims and accused; rape and rapists; arrest and trial; jury selection; jury dynamics and deliberations; insanity and the prediction of dangerousness; sentencing; death penalty; rights of special groups; theories of crime.									
A&S	PSY	PSY	3520	Social Psychology of Justice	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		6 Hours in PSY including 101D or 1010						
		COURSE DESC:		Theory and research on the interface of psychology and the legal system (with an emphasis on social psychology). Specific topics include dilemmas faced by psychologists in the legal system; legality vs. morality; the socialization, training, and ethics of lawyers and police; perception memory and error in eyewitness testimony; hypnosis; lie detection and confessions; rights of victims and accused; rape and rapists; arrest and trial; jury selection; jury dynamics and deliberations; insanity and the prediction of dangerousness; sentencing; death penalty; rights of special groups; theories of crime.									
A&S	PSY	PSY	3530	Psychology of Religion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PSY 1010						
		COURSE DESC:		The goal of the course is to provide students with a comprehensive overview of research on the development of religious beliefs, the psychological functions that religious beliefs have on people's personal and social lives, and the factors that lead people to become more or less religious. We will examine the differences between religions and cults, the belief in miracles, and the conflicts that arise in behaving in accordance with one's religious beliefs. The course is designed to stimulate students to think about religious topics in new ways, whether this involves strengthening existing beliefs, leading them to question pre-existing beliefs, or simply encouraging them to think about facets of religious beliefs that they had not previously considered.									
A&S	PSY	PSY	3530	Psychology of Religion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PSY 1010						
		COURSE DESC:		The goal of the course is to provide students with a comprehensive overview of research on the development of religious beliefs, the psychological functions that religious beliefs have on people's personal and social lives, and the factors that lead people to become more or less religious. We will examine the differences between religions and cults, the belief in miracles, and the conflicts that arise in behaving in accordance with one's religious beliefs. The course is designed to stimulate students to think about religious topics in new ways, whether this involves strengthening existing beliefs, leading them to question pre-existing beliefs, or simply encouraging them to think about facets of religious beliefs that they had not previously considered.									

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A&S	PSY	PSY	3610	Survey of Industrial and Organizational Psychology GEC1: A-F REQUISITE: PSY 101D or 1010 and (COMS 3520 or GEOG 2710 or MATH 2500 or PSY 1110 or 2110 or QBA 2010) COURSE DESC: Survey of industrial and organizational psychology; emphasis on application of psychological theories and research to organizational situation.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3620	Organizational Psychology GEC1: A-F REQUISITE: PSY 3610 COURSE DESC: Study of behavior in organizations with emphasis on applying psychological research and principles to understanding structure and process of (primarily work) organizations.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3630	Personnel Psychology GEC1: A-F REQUISITE: PSY 3610 COURSE DESC: In-depth coverage of topics in personnel psychology including job analysis, organizational entry, and training and evaluation of personnel.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3640	Occupational Health Psychology GEC1: A-F REQUISITE: PSY 1010 and (COMS 3520 or GEOG 2710 or MATH 2500 or PSY 1110 or 2110 or QBA 2010); PSY 3610 recommended COURSE DESC: Students are introduced to the interdisciplinary field of Occupational Health Psychology (OHP), focused on exploring how psychological factors influence employee wellness, health, and productivity in the workplace. A broad overview of various topics and theories within OHP are explored (e.g. occupational stress, mistreatment, safety, work-life balance, physical and psychological strains, etc.), with a focus on real-world applicability through lectures, discussions, readings, presentations, and independent study.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3710	Clinical and Counseling Psychology GEC1: A-F REQUISITE: PSY 101D or 1010 and 2710 COURSE DESC: Discussion of role of clinical and counseling psychologists in research and applied settings; review of the theoretical and empirical basis for clinical and counseling techniques; consideration of ethical issues in clinical and counseling practice.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3810	Environmental Psychology GEC1: A-F REQUISITE: 7 Hours in PSY including 101D or 1010 COURSE DESC: Natural and built environments as factors of human behavior, cognition, and choice. Research concerning environmental design and evaluation from psychological standpoint emphasized.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3820	Sport Psychology GEC1: A-F REQUISITE: PSY 1010 and SOPH or JR or SR COURSE DESC: This course presents the human factors and psychological dynamics of sports performance as it relates to individual and team sports. Students learn methods and techniques for developing psychological skills to enhance both individual and team performance. The course focuses on learning strategies to increase the ability to influence others' behavior such as leadership, motivation, flow, group cohesion, team dynamics, imagery, and goal setting. The course also addresses critical issues that can impact not only sport performance but also personal well being such as anxiety, eating disorders, aggression, and addiction.	LEC	LE	3	0		N	U30		0
A&S	PSY	PSY	3910	Fieldwork in Psychology GEC5: CR, PR, F REQUISITE: Permission required COURSE DESC: Independent fieldwork as volunteer or employee in work directly related to psychology. Arrangements for course credit must be approved by psychology faculty member before fieldwork begins. Contact assistant chair for undergrad affairs or other faculty member to complete necessary forms.	INT	IN	1 to 4	4		I	U30		0
A&S	PSY	PSY	3920	Teaching Practicum GEC3: A-F, CR REQUISITE: Permission required and no PSY areas COURSE DESC: The teaching practicum will provide students with the opportunity to work directly with a faculty member on the development and teaching of a selected psychology course. Students may serve as peer mentors to students in the class.	PRA	PR	1 to 4	12		I	U30		0
A&S	PSY	PSY	3940	Research in Psychology GEC6: CR, PR, F REQUISITE: Permission required and PSY 2120 COURSE DESC: Supervised independent research on predefined problem.	RSC	RS	1 to 12	12		I	U30		0
A&S	PSY	PSY	3970T	Psychology Tutorial GEC4: A-F, CR, PR REQUISITE: HTC COURSE DESC: Tutorial experience on a wide range of topics.	TUT	TU	1 to 12	24		N	U30		0
A&S	PSY	PSY	3980T	Psychology Tutorial GEC4: A-F, CR, PR REQUISITE: HTC COURSE DESC: Tutorial experience on a wide range of topics.	TUT	TU	1 to 12	24		N	U30		0

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A&S	PSY	PSY	4010	History and Systems of Psychology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		14 Hours in PSY including 101D or 1010						
		COURSE DESC:		Comparative, historical review of major conceptual orientations in psychology within last century. Includes analysis of important philosophy of science issues bearing on psychology, such as nature of theory, observation, explanation, and some specialized topics especially pertinent to psychology.									
A&S	PSY	PSY	4010	History and Systems of Psychology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		14 Hours in PSY including 101D or 1010						
		COURSE DESC:		Comparative, historical review of major conceptual orientations in psychology within last century. Includes analysis of important philosophy of science issues bearing on psychology, such as nature of theory, observation, explanation, and some specialized topics especially pertinent to psychology.									
A&S	PSY	PSY	4210	Clinical Neuropsychology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PSY 101D or 1010 and 2310 and 2710 and (2210 or BIOS 4130) and Sr only						
		COURSE DESC:		This course uses case studies of patients with neurological and neuropsychiatric disorders as starting points for exploring clinical, ethical therapeutic, and societal issues related to neuropsychological dysfunction. The course builds upon fundamental knowledge of clinical psychology, cognitive/social psychology, and physiological psychology/neuroanatomy. Students will achieve a deeper understanding of the human condition through study of the psychological and ethical implications of applied human brain research.									
A&S	PSY	PSY	4410	Prenatal Influences on Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		(EDEC 1600 or EDEL 2000 or PSY 2410) and (BIOL 1010 or BIOS 1030 or 1700 or PSY 2210)						
		COURSE DESC:		Prenatal and perinatal influences on development, including the effects of genetic errors, drugs, nutrition, diseases, maternal behaviors, prematurity, and birthing techniques.									
A&S	PSY	PSY	4710	Psychoactive Drugs: Therapeutic Agents and Drugs of Abuse	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		PSY 2210 and (2710 or 3430)						
		COURSE DESC:		Patterns of use and abuse of psychoactive agents, behavioral and physiological effects of drugs; etiological factors in drug abuse; treatment of drug abuse; use of drugs in the treatment of psychological disorders. Discussion of research on comparative effectiveness and integration of pharmacological and psychological interventions in the treatment of psychological disorders.									
A&S	PSY	PSY	4720	Human Stress	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Sr only and 18 hours in PSY including PSY 2120						
		COURSE DESC:		Stress is an inevitable part of human life, and how we think about and respond to stressors can dramatically influence our health and well-being. Human stress is an interdisciplinary topic, and is best understood from multiple perspectives, including social psychological, cognitive, developmental, physiological, environmental, sociological, and medical. As such, this course will draw from material from complementary courses in psychology and related fields to synthesize and integrate ideas and information relating to human stress.									
A&S	PSY	PSY	4810	Evolutionary Psychology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		14 Hours in PSY including 2110 and Sr						
		COURSE DESC:		Capstone course providing an evolutionary perspective on the major subfields of psychology. Topics include the theory and methods of evolutionary psychology, evolved structures of the mind, and evolutionary perspectives on cognition, language, consciousness, emotions, motivation, and social behavior.									
A&S	PSY	PSY	4900	Special Topics in Psychology	SEM	SE	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Specialized seminars on psychology related topics.									
A&S	PSY	PSY	4930	Independent Study in Psychology	IND	IS	1 to 4	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		Permission required						
		COURSE DESC:		CR, PR Independent work on special problem with any psychology professor.									
A&S	PSY	PSY	4960H	Psychology Honors Seminar	SEM	SE	1 to 4	18		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Departmental honors						
		COURSE DESC:		Seminar on specific topics. See Schedule of Classes each semester.									
A&S	PSY	PSY	4970H	Readings in Honors Work	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:		Departmental honors						
		COURSE DESC:		PR Individualized and directed readings for students in departmental honors program. Students select topics or are directed into possible research areas in consultation with a faculty mentor.									
A&S	PSY	PSY	4970T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:		HTC						
		COURSE DESC:		CR, PR Special tutorial offered to students in Honors Tutorial program.									
A&S	PSY	PSY	4980H	Honors Work in Psychology	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:		Departmental honors						
		COURSE DESC:		PR Individualized and directed research for students in departmental honors program. Students select topics or are directed into possible research areas.									

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A&S	PSY	PSY	4980T	Psychology Tutorial	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special tutorial offered to students in the Honors Tutorial program.									
A&S	PSY	PSY	4990H	Honors Work in Psychology	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Departmental honors PR									
		COURSE DESC:		Independent departmental honors research thesis under supervision of psychology faculty member.									
A&S	PSY	PSY	5110	Statistics for the Behavioral Sciences	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520, ECON 3810.									
A&S	PSY	PSY	5110	Statistics for the Behavioral Sciences	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520, ECON 3810.									
A&S	PSY	PSY	5111	Advanced Statistics for the Behavioral Sciences	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of 2110. Statistical techniques through multifactor analysis of variance and multiple regression analyses. Integration of experimental design with statistical analyses. Does not apply to Arts and Sciences social sciences or natural sciences requirement.									
A&S	PSY	PSY	5120	Research Methods in Psychology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Training in scientific methods and techniques of modern experimental psychology with individual reports of experiments.									
A&S	PSY	PSY	5121	Tests and Measurements	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Tests, psychophysical methods, scaling techniques, and questionnaires. Basic criteria including reliability, homogeneity, and validity.									
A&S	PSY	PSY	5700	Clinical Orientation	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Clinical PSY major PR, F									
		COURSE DESC:		Orientation to the clinical psychology doctoral program									
A&S	PSY	PSY	5710	First-Year Seminar in Experimental Psychology	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: First-year Experimental Psychology Graduate Student PR, F									
		COURSE DESC:		This course introduces first-year experimental psychology graduate students to research and training in experimental psychology.									
A&S	PSY	PSY	5900	Special Topics in Psychology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specialized seminars on psychology related topics.									
A&S	PSY	PSY	5900	Special Topics in Psychology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specialized seminars on psychology related topics.									
A&S	PSY	PSY	6100	Data Management	LAB	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6111 or concurrent CR, PR									
		COURSE DESC:		This course is an introduction to the principles of data management and analysis using statistical software. Topics include forming datasets, merging datasets to add cases and/or variables, creating and transforming variables, selecting subsets of cases, creating graphs, conducting basic descriptive and inferential analyzes, and restructuring datasets. Special emphasis will be placed on insuring the integrity of a dataset, including detecting and correcting errors.									

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A&S	PSY	PSY	6100	Data Management	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6111 or concurrent CR, PR									
		COURSE DESC:		This course is an introduction to the principles of data management and analysis using statistical software. Topics include forming datasets, merging datasets to add cases and/or variables, creating and transforming variables, selecting subsets of cases, creating graphs, conducting basic descriptive and inferential analyzes, and restructuring datasets. Special emphasis will be placed on insuring the integrity of a dataset, including detecting and correcting errors.									
A&S	PSY	PSY	6111	Advanced Statistics for the Behavioral Sciences	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		The first half of the course is a review of the fundamental concepts of statistical inference, including the rationale for and the principles of statistical estimation and hypothesis testing. The second half of the course is devoted to analysis of variance models, including the between-subject, within-subject, and mixed designs as well as the testing of contrasts, the investigation of interactions, and power.									
A&S	PSY	PSY	6112	Introduction of Linear Regression Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6111 PR									
		COURSE DESC:		This course is an introduction to linear regression models, including the principles and procedures involved in the estimation and testing of parameters, the use of diagnostic procedures, the representation of categorical predictors, and the exploration of higher-order effects, including interactions.									
A&S	PSY	PSY	6115	Introduction to Bayesian Data Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 6112									
		COURSE DESC:		An introduction to Bayesian data analysis focused on the application of Bayesian techniques to social science data. Major topics include the fundamentals of Bayesian inference, including the use of Markov Chain Monte Carlo computational techniques, and the application of Bayesian methods to data that otherwise would have been analyzed using the traditional statistical techniques taught in most standard introductory statistics textbooks.									
A&S	PSY	PSY	6120	Advanced Research Methods in Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6111 PR									
		COURSE DESC:		This course is designed to introduce the student to the principles of behavioral science research and the rationale underlying various research strategies. After the course, the student should have a critical understanding of the research process.									
A&S	PSY	PSY	6210	Human Psychophysiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Introduces student to the relationships between psychological variables and physiological events in humans. Examines the fundamental concepts that define the science and practice of Psychophysiology.									
A&S	PSY	PSY	6220	Physiological Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Biological basis of behaviors with emphasis on central nervous system and neurological disorders.									
A&S	PSY	PSY	6310	Cognitive Processes	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Standing PR									
		COURSE DESC:		Theory and research on human cognitive processes such as perception, learning, attention, similarity, concepts and categorization, memory, knowledge structures, affective states, language, reasoning, problem solving and judgment and decision making.									
A&S	PSY	PSY	6410	Developmental Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Principles and research covering development of human abilities and behavior. Topics include developmental research methodology; overview of physical, motor, perceptual, linguistic, emotional, motivational, social, affective, and personality development.									
A&S	PSY	PSY	6510	Experimental Social Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Standing PR									
		COURSE DESC:		Examine major theoretical and research trends in social psychology with an emphasis on the study of attitudes, social perception, social influence, interpersonal dynamics, and small-group behavior.									

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A&S	PSY	PSY	6610	Survey of Industrial and Organizational Psychology	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:							
				COURSE DESC:	Application of psychological theories and research to topics in organizational behavior and personnel psychology.								
A&S	PSY	PSY	6710	Clinical Psychopathology	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:							
				COURSE DESC:	Survey of theoretical and empirical literature on descriptive features, etiology, and development of psychopathology.								
A&S	PSY	PSY	6712	Psychopathology of Childhood and Adolescence	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PSY 6710						
				COURSE DESC:	Survey of the theoretical and empirical literature on the descriptive features, correlates, and etiology of abnormal behavior first manifest in childhood and through maturation into young adulthood.								
A&S	PSY	PSY	6720	Psychology of Personality	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Permission required						
				COURSE DESC:	Development and organization of personality; evaluation of major theoretical viewpoints; relationship of personality theories to psychopathology and psychotherapy approaches.								
A&S	PSY	PSY	6730	Fundamentals of Clinical Assessment	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Doctoral student in clinical psychology						
				COURSE DESC:	Introduction to personality and psychopathology assessment, including psychometric properties of measures and criteria for selecting among assessment tools; professional issues and professional roles related to assessment; practical experience in clinical interviewing and mental status assessment; administration, scoring, interpreting, and writing results from basic personality and psychopathology measures.								
A&S	PSY	PSY	6740	Fundamentals of Psychotherapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PSY 6710 or concurrent						
				COURSE DESC:	Survey of theory and approaches in psychological intervention, with emphasis on major schools and systems of psychotherapy; practical experience in relationship and rapport building skills.								
A&S	PSY	PSY	6750	Issues in Professional Psychology	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Graduate student in psychology						
				COURSE DESC:	Examines ethical, professional, and training issues associated with the field of clinical psychology.								
A&S	PSY	PSY	6760	Diversity Issues in Research and Clinical Practice	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PSY 6710 and 6730 and 6740						
				COURSE DESC:	Examination of the sociocultural context of human behavior and, in particular, issues of diversity in research and clinical practice. Methodological and epistemological issues in the study of culture in psychology; influence of culture on psychiatric diagnosis and the prevalence of mental disorders; effect of culture on the therapeutic relationship.								
A&S	PSY	PSY	6900	Special Topics in Psychology	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F,	REQUISITE:							
				COURSE DESC:	Specific course content will vary with offering.								
A&S	PSY	PSY	6900	Special Topics in Psychology	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F,	REQUISITE:							
				COURSE DESC:	Specific course content will vary with offering.								
A&S	PSY	PSY	6930	Readings in Psychology	IND	IS	1 to 4	15		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F,	REQUISITE:							
				COURSE DESC:	To broaden training of master's or doctoral students in areas in which they need further work that cannot be obtained through specific courses.								

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A&S	PSY	PSY	6950	Thesis	THE	TH	1 to 8	35		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		Develop and complete a thesis.									
A&S	PSY	PSY	6970	Preparing Psychology Papers	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Preparation of professional papers in psychology: application of technical style principles to experimental papers and psychological reports. Tasks include writing and rewriting psychological information aimed at an informed reader and reviewing psychological writings that illustrate both correct and incorrect psychological style.									
A&S	PSY	PSY	6980	Research Seminar	SEM	SE	1	4		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		Presentations by faculty, graduate students, and visiting lecturers. Students who are enrolled are required to attend seminars and to give one research presentation each academic year during the seminar.									
A&S	PSY	PSY	7010	History and Systems of Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:								
		COURSE DESC:		Historical review of major systematic position in psychology since the 18th century. Philosophy of science for psychology, including issues in theory construction and evaluation, consciousness, and reductionism.									
A&S	PSY	PSY	7110	Multivariate Statistics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:		PSY 6112						
		COURSE DESC:		Introduction to multivariate statistics. Topics covered are matrix algebra, multiple regression, canonical correlation, discriminant analysis and classification, and factor analysis. Variety of commercial computer programs used.									
A&S	PSY	PSY	7120	Advanced Testing Principles	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:		PSY 6111						
		COURSE DESC:		The purpose of the course is to provide the knowledge and skills in understanding, selecting, scoring, and interpreting individual and group administered psychological and educational tests. An expansion and review of statistical constructs and test construction principles will be in order to critique the appropriateness of available psychological and academic achievement tests.									
A&S	PSY	PSY	7130	Advanced Regression Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:		PSY 6112						
		COURSE DESC:		The first half of this course is an introduction to generalized linear regression models, including logistic regression, multinomial logistic regression, ordinal logistic regression, and Poisson regression models; the second half of this course is an introduction to multilevel linear models. Topics include the principles and procedures involved in the estimation and testing of parameters, the use of diagnostic procedures, the representation of categorical predictors, and the exploration of higher-order effects, including interactions.									
A&S	PSY	PSY	7150	Structural Equation Modeling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:		PSY 6112						
		COURSE DESC:		Modeling causality using linear models as in confirmatory factor analysis and structural equation modeling.									
A&S	PSY	PSY	7170	Health Statistics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Permission required and PSY 6112						
		COURSE DESC:		This course provides an introduction to specialized statistical techniques that have been developed for the analysis of health-related data. Major topics include the evaluation of diagnostic tests, the measurement and modeling of health states or events, and the analysis of survival time data.									
A&S	PSY	PSY	7210	Neuropsychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:		PSY 6710 or concurrent						
		COURSE DESC:		Didactic training in structure of the central nervous system; overview of research on major neuropsychological disorders; introduction to neuropsychological assessment and diagnosis. Clinical case material is presented to illustrate brain behavior relationships.									
A&S	PSY	PSY	7240	Psychoneuroimmunology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Provides a broad survey of psychosocial research in the psychoneuroimmunology (PNI) literature. PNI is the study of the interactions among behavior, psychosocial factors, and the nervous, endocrine and immune systems.									

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A&S	PSY	PSY	7250	Health Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Overview of theory and research in health psychology, with a focus on the interactive relationship between biological, developmental, psychological, and sociocultural contributors to health promotion, disease prevention, and disease management (e.g., cardiovascular, pain, respiratory, and immune disorders). The course will also provide an introduction to applications and effectiveness of selected psychological interventions to promote health and treat illness.									
A&S	PSY	PSY	7270	Psychopharmacology and Psychotherapy	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6710 and 7210 and 7920									
		COURSE DESC:		Nature and clinical use of major types of psychotropic medications, with emphasis on antidepressants, mood stabilizers, antipsychotics, antianxiety and hypnotic agents, psychostimulants, and related drugs. Biological models of mental disorders, mechanisms of drug action, evidence for drug effectiveness and clinical use of psychotropic medications. Use of psychotropic medications in the context of psychological treatments.									
A&S	PSY	PSY	7280	Pediatric Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PSY 7250 and 7750									
		COURSE DESC:		Theory and research on the relationship between the psychological and physical well-being of children and adolescents; behavioral and emotional concomitants of disease and illness as they affect children/adolescents and their families, applications and effectiveness of psychological interventions for health related problems in children and adolescents.									
A&S	PSY	PSY	7280	Pediatric Psychology	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PSY 7250 and 7750									
		COURSE DESC:		Theory and research on the relationship between the psychological and physical well-being of children and adolescents; behavioral and emotional concomitants of disease and illness as they affect children/adolescents and their families, applications and effectiveness of psychological interventions for health related problems in children and adolescents.									
A&S	PSY	PSY	7310	Psychophysics & Theories of Perception	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310									
		COURSE DESC:		Experimental and theoretical approaches to the problem of sensing, perceiving, and interpreting sensory information. Psychophysical models and laws, receptor function and physiology, discrimination, adaptation, attention, perceptual learning, and psychophysical methods of research and assessment. Theories of the human perceptual system with an emphasis on vision.									
A&S	PSY	PSY	7320	Psycholinguistics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310									
		COURSE DESC:		How people produce, understand, and acquire language within framework of major psychological and linguistic theories of language. Emphasis on user of language rather than on language.									
A&S	PSY	PSY	7330	Judgment and Decision Making	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		This course is an introduction to the psychology of judgment and decision making research. As such, it is a survey course designed to expose students to a wide array of topics that deal with the psychological factors affecting judgments and choices. These factors include (but are not limited to) cognitions, emotions, and informational characteristics of the environment. The course also presents an introduction to decision analysis.									
A&S	PSY	PSY	7340	Advanced Learning	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310									
		COURSE DESC:		PR Lectures and readings covering theoretical works in field of learning.									
A&S	PSY	PSY	7350	Concept Learning and Categorization	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6310									
		COURSE DESC:		CR, PR An in depth discussion on the nature of concepts, concept learning, and categorization behavior in humans and non-human animals. The prominent paradigms on the nature of concepts (e.g., concepts as rules, exemplars, prototypes, boundaries, and structures) will be discussed in detail in light of key empirical findings in the human and non-human animal categorization literature. The major competing models, such as the context model, GCM, ALCOVE, MPM, CIM, and MINC will be compared and contrasted in the context of other cognitive facilities such as attention, similarity assessment, discrimination, perception, and memory.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7360	Mathematical Modeling of Cognition	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6310 CR, PR									
		COURSE DESC:		Formal modeling is an essential research tool in cognitive psychology and cognitive science. In this seminar we shall discuss and critically evaluate a wide variety of key formal models and modeling approaches to cognition (e.g., algebraic, geometric, analytic, qualitative, statistical, probabilistic, computational, connectionist, dynamical, structural, and process). We shall do this with three goals in mind: 1) to become aware of the wide range of modeling techniques at our disposal, 2) to achieve a basic understanding of these techniques and the modeling process in general, and 3) to get us to start thinking strategically and analytically about how to construct an effective formal model (i.e., one that predicts and explains our empirical results). Discussions will assume no previous modeling background.									
A&S	PSY	PSY	7360	Mathematical Modeling of Cognition	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6310 CR, PR									
		COURSE DESC:		Formal modeling is an essential research tool in cognitive psychology and cognitive science. In this seminar we shall discuss and critically evaluate a wide variety of key formal models and modeling approaches to cognition (e.g., algebraic, geometric, analytic, qualitative, statistical, probabilistic, computational, connectionist, dynamical, structural, and process). We shall do this with three goals in mind: 1) to become aware of the wide range of modeling techniques at our disposal, 2) to achieve a basic understanding of these techniques and the modeling process in general, and 3) to get us to start thinking strategically and analytically about how to construct an effective formal model (i.e., one that predicts and explains our empirical results). Discussions will assume no previous modeling background.									
A&S	PSY	PSY	7510	Advanced Social Psychology	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310 PR									
		COURSE DESC:		The main goal of this course is for graduate students to gain expert knowledge about the psychology of social psychology, including social cognition, social relationships, and social behavior. This will be accomplished via lecture, and through reading classic and contemporary works in this area. One manifestation of students' mastering the material is their ability to take over the class for an hour and lead a class discussion on a selected topic. A final paper is required to demonstrate their mastery of the material; this involves either a critical review of one of the topics covered in the course or a research proposal on the topic. Upon completion of the course, students should be in a position to design research related to the psychology of social psychology and should also be able to teach this material to undergraduates.									
A&S	PSY	PSY	7520	Social Cognition	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6310 CR, PR									
		COURSE DESC:		Examine major theoretical and research trends in social cognition, the dominant perspective in social psychology. Readings will focus on attribution theory, person perception, stereotyping and prejudice, attitudes, automaticity and control, and the relationship between affect and cognition.									
A&S	PSY	PSY	7530	Social Psychology of the Self	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6510 CR, PR									
		COURSE DESC:		The main goal of this course is for graduate students to gain expert knowledge about the psychology of the self, including how the self is constructed, maintained and regulated. This will be accomplished via lecture, and through reading classic and contemporary works in this area. One manifestation of students' mastering the material is their ability to take over the class for an hour and lead a class discussion on a selected topic. A final paper is required to demonstrate their mastery of the material; this involves either a critical review of one of the topics covered in the course or a research proposal on the topic. Upon completion of the course, students should be in a position to design research related to the psychology of the self and should also be able to teach this material to undergraduates.									
A&S	PSY	PSY	7550	Motivation	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310 or 6510 PR									
		COURSE DESC:		Survey of traditional and current theories of motivation. Focus on older learning theories from the classical, operant and observational learning perspectives, and update these with more current thinking on cognitive processes. Integrate older findings with current research on goals. Discuss practical ways to increase motivation in specific areas.									
A&S	PSY	PSY	7621	Organizational Psychology: Organizational Behavior	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individuals are complex systems behaving within complex organizational systems. This course will explore in depth the motivational, affective, and cognitive subsystems of humans, and how they are affected by and affect leaders, groups, and organizations. Attention will be paid to understanding the operation of the systems and the consequences of applications and interventions on these systems. The boundaries of the field's knowledge of these issues are explored and students are expected to describe how they could add to the field's knowledge store either empirically, theoretically, or both.									
A&S	PSY	PSY	7623	Organizational Psychology: Organizational Theory	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of organizational theory: classical and contemporary perspectives on the process and structure of organizations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7625	Employee Turnover and Retention	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6610 CR, PR									
		COURSE DESC:		Introduces doctoral students to the research literature on organizational withdrawal, notably turnover. As distinguished motivational scholars (Katz & Kahn, 1978) long noted, organizations must not only motivate their members to perform their work roles effectively but also induce them to remain in these work roles. Indeed, employees who quit obviously cannot be productive or contribute effectively to their organization's mission.									
A&S	PSY	PSY	7630	Context Analysis	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces students to the theories and methods for analyzing contexts (e.g. environments, situations) for the purpose of selection, training, design, or diagnosis of individuals in these contexts. Methods of organizational, job, and task analysis will be emphasized.									
A&S	PSY	PSY	7631	Performance Appraisal and Management	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Provides student with a survey of the issues in the performance appraisal/performance management area.									
A&S	PSY	PSY	7633	Selection and Placement	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6112 CR, PR									
		COURSE DESC:		Psychological, measurement, and legal perspectives on selection and placement of individuals and teams in organizations.									
A&S	PSY	PSY	7635	Training & Development	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6111 and 6610 CR, PR									
		COURSE DESC:		This course is designed to introduce students to the psychological theories, research, and application of learning, training and individual development. The course will focus on adult populations, but research from other populations (e.g., children, animals) may be reviewed. The course will also focus on application in organizational settings.									
A&S	PSY	PSY	7730	Adult Assessment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6710 or concurrent PR									
		COURSE DESC:		Overview of theories of intelligence and other cognitive constructs; discussion of professional issues relative to cognitive assessment in adults; supervised practice in administration, scoring, and interpretation of selected adult cognitive measures; integration of cognitive test results with other clinical information; writing integrated psychological assessment reports.									
A&S	PSY	PSY	7732	Child and Adolescent Assessment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6712 and 6730 PR									
		COURSE DESC:		Survey of theoretical and empirical literature on psychological assessment of children and adolescents; supervised practice in administration, scoring, and interpretation of tests assessing cognitive abilities, achievement, and other domains of performance with children and adolescents; diagnostic interviewing techniques with parents and children; integrative report writing; professional and diversity issues in child and adolescent assessment.									
A&S	PSY	PSY	7740	Adult Psychotherapy	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6710 and 6740 PR									
		COURSE DESC:		Theory, research, and practice of individual approaches to psychotherapy with adults, with emphasis on evidence-based aspects of practice.									
A&S	PSY	PSY	7742	Child and Adolescent Therapy	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6712 and 6740 PR									
		COURSE DESC:		Theory, research, and practice of psychological interventions for child and adolescent psychological disorders.									
A&S	PSY	PSY	7750	Interventions in Health Psychology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 7250 CR, PR									
		COURSE DESC:		Theory and use of assessment and intervention procedures in health psychology; practical application of assessment, consultation, and intervention procedures in health promotion and in the prevention and management of disease (e.g., cardiovascular disorders, pain disorders, diabetes, asthma).									
A&S	PSY	PSY	7910	Fieldwork in Psychology	INT	IN	1 to 12	24		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Supervised experience in applied setting approved by department.									
A&S	PSY	PSY	7911	Practicum in Industrial and Organizational Psychology	INT	IN	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6112 and 6120 CR, PR									
		COURSE DESC:		Supervised field experience in organizational settings.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7920	Clinical Practicum	PRA	PR	3	18		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6730 and 6740 and graduate student in psychology									
		COURSE DESC:		Practicum experience for graduate students in clinical psychology. Psychological services provided under supervision in a clinical setting.									
A&S	PSY	PSY	7925	Advanced Clinical Practicum	PRA	PR	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6730 and 6740 and 7920									
		COURSE DESC:		Advanced practicum experience for doctoral students in clinical psychology. Psychological services provided under supervision in a clinical setting.									
A&S	PSY	PSY	7930	Readings in Psychology	IND	IS	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		To broaden training of master's or doctoral students in areas in which they need further work, which cannot be obtained through specific courses.									
A&S	PSY	PSY	7940	Research in Psychology	RSC	RS	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Student assist in the planning, designing, data collection, interpretation, and writing of research projects.									
A&S	PSY	PSY	7960	Seminar in Teaching of Psychology	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in psychology									
		COURSE DESC:		Issues in and approaches to teaching in the field of psychology. Includes such topics as characteristics of good classes and teachers, syllabus preparation, lecture and discussion techniques, exam preparation, and grading. Includes experiences with feedback.									
A&S	PSY	PSY	8900	Special Topics in Psychology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PSY	PSY	8900	Special Topics in Psychology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PSY	PSY	8901	Advanced Seminar in Psychology: Quantitative	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and PSY 6112									
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	PSY	8902	Advanced Seminar in Psychology: Physiological	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Course topics vary.									
A&S	PSY	PSY	8903	Advanced Seminar in Psychology: Cognitive	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and PSY 6310									
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	PSY	8904	Advanced Seminar in Psychology: Developmental	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	PSY	8905	Advanced Seminar in Psychology: Social	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and PSY 6510									
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	PSY	8906	Advanced Seminar in Psychology: Industrial/Organizational	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Seminar contents varies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	8907	Advanced Seminar in Psychology: Clinical	SEM	SE	3	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Seminar contents varies.									
A&S	PSY	PSY	8908	Advanced Seminar in Psychology: General	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Seminar contents varies.									
A&S	PSY	PSY	8920	Clinical Supervision	PRA	PR	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR An overview of the fundamentals of clinical supervision for the mental health professional. Topics addressed include the major models of supervision, ethical, diversity, and legal issues, evaluation procedures, process issues, and current research. Practicum experience in supervision for graduate students in clinical psychology, under the umbrella supervision of a licensed clinical psychologist, which will guide the implementation of the models and concepts reviewed in the didactic portion of the course.									
A&S	PSY	PSY	8940	Research in Psychology	RSC	RS	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Student may assist in the planning, designing, data collection, interpretation, and writing of research projects.									
A&S	PSY	PSY	8950	Dissertation	THE	TH	1 to 15	35		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Develop and complete a dissertation.									
A&S	PSY	T3	4800	War: Human Response	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 hours in (ENG or PSY) and Sr only									
		COURSE DESC:		Human responses to war are examined both from the subjective perspective of creators of literature of war and from the objective perspective of psychologists who study individual and group behavior in times of conflict. Topics include the nature of individual and organized aggression, perception of the enemy, disillusion and disenchantment, obedience to authority, the irony of war, victimization, and alternatives to war.									
A&S	PSY	T3	4810	Pathologies of Power	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 2710 and (PSY 1110 or PSY 2110 or MATH 2500 or QBA 2010 or ECON 3810 or COMS 3520) and Sr only									
		COURSE DESC:		The overall objective of this course is to address how membership in specific social identity groups including ones that are based on the social categories of race, gender, sexuality, religiosity, socioeconomic status as well as others is related to physical and mental health. This course will provide an interdisciplinary framework for understanding the relationship between health and social identity group memberships. The disparities that exist in health status for many groups will be explored as well as how factors such as microaggressions, prejudice, stigmatization, poor access to and barriers to care as well as policies contribute to these disparities. Concurrently resiliency factors and intervention strategies to reduce such disparities will be reviewed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	1010	Introduction to Cultural Anthropology	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students learn about the core concepts used in cultural anthropology and how anthropologists study human cultures and societies. Consideration is given to the relevance of anthropological theories, methods, and ethics in the context of contemporary culture change, taking into account processes of colonialism, globalization, and development. Students gain an appreciation of the broader goals of cultural anthropology to record cultural patterns and behaviors, represent a variety of voices and perceptions, explain cultural processes, and develop a fundamental understanding of human diversity.									
A&S	SOC	ANTH	2010	Introduction to Biological Anthropology	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Evolutionary theory; primates; fossil record of human evolution; mechanics of evolution; human variation.									
A&S	SOC	ANTH	2020	Introduction to World Archaeology	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic concepts; how archaeologists reconstruct extinct societies and explore cultural evolution.									
A&S	SOC	ANTH	2900	Special Topics in Anthropology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	SOC	ANTH	2900	Special Topics in Anthropology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
A&S	SOC	ANTH	2970T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.									
A&S	SOC	ANTH	2971T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.									
A&S	SOC	ANTH	2980T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.									
A&S	SOC	ANTH	2981T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial on topics in Anthropology.									
A&S	SOC	ANTH	3010	Visual Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		The use of film as a medium for recording cultural information; as a technique for observation, analysis, and interpretation of cultural information; and as a means for presenting information about cultures, human adaptation, human evolution, and anthropological research itself.									
A&S	SOC	ANTH	3400	Applied Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Focuses on the applications of anthropology in response to areas of contemporary social concern: poverty and development, law and criminal justice, international health, and human rights.									
A&S	SOC	ANTH	3450	Gender in Cross-Cultural Perspective	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ANTH 1010 and (Soph or Jr or Sr)									
		COURSE DESC:		PR Considers the range of cultural diversity in defining gender roles; comparative approach toward understanding the behaviors and perceptions associated with gender.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3460	Introduction to Human Osteology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 or LET 1450 or BIOS 1710									
		COURSE DESC:		Focuses on the identification, study, and analysis of the human skeleton. Students will learn the microanatomy and macroanatomy of human bone and how skeletal remains are analyzed.									
A&S	SOC	ANTH	3490	Life History: The Individual and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of ways of growing up in various cultures; emphasizes the relationship between the individual and culture.									
A&S	SOC	ANTH	3500	Economic Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of economic arrangements found in various societies; anthropological analysis of economic exchange systems; application of anthropological theories concerning the role of economic processes in cultural systems; analysis of organizations of production, distribution and consumption; comparative analysis of economic systems.									
A&S	SOC	ANTH	3510	Political Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Anthropological exploration of various political systems; cross-cultural examination of political leadership, political power, and conflict. Emphasis on non-Western, non-industrialized societies.									
A&S	SOC	ANTH	3530	Anthropology of Violence and Peace	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		This course focuses on the cultural dimensions of civil wars, ethnic and religious conflicts, communal violence, and state violence, as well as movements for human rights and peace.									
A&S	SOC	ANTH	3540	Primate Behavioral Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010									
		COURSE DESC:		This course is designed to further students understanding of the behavior of non-human primates, from an evolutionary perspective, focusing on how selective forces impact the social behavior of primates.									
A&S	SOC	ANTH	3550	Medical Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010									
		COURSE DESC:		Non-Western medical systems and theories of health and disease causation; social basis for diagnosis and cure; curing rituals; symbolism of health and illness. Ecological factors in health and nonhealth; systemic connections between health concepts, culture, and environmental situations.									
A&S	SOC	ANTH	3570	Anthropology of Religion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Anthropological consideration of religious action, belief, and ritual in various cultures; analysis of religious movements, magic, divination, myth, trance, and prayer; analysis of religious systems from symbolic, structuralist, materialist and ecological perspectives. Comparison of different anthropological frameworks for understanding religious phenomena.									
A&S	SOC	ANTH	3590	Before the Sickle and Plow: Archaeology of Foraging Societies	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 or 2010 or 2020									
		COURSE DESC:		An in depth look at societies before the emergence of agriculture. Exploration of life before food production through the comparison of archaeological data and modern foraging analogs. Considers the ecological, biological and cultural impacts of foraging systems through the archaeological record.									
A&S	SOC	ANTH	3600	Origins of Food Production	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 or 2020									
		COURSE DESC:		This course explores the origins of plant and animal domestication cross-culturally, focusing on the similarities and differences between different cultures as they adopted food production as a subsistence strategy. The course also considers the effects of farming on human health, human social organization, and global ecology and environment.									
A&S	SOC	ANTH	3610	North American Prehistory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2020									
		COURSE DESC:		Analysis and interpretation of the cultural evolution of indigenous North American Indian cultures. Emphasis placed on those cultures from Ohio and the Midwest.									
A&S	SOC	ANTH	3660	Cultures of the Americas	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 or 2020									
		COURSE DESC:		Survey of past and/or present cultural diversity present in North, South, or MesoAmerica or the Caribbean, with emphasis on application of the anthropological method and theory to understanding of particular sociocultural systems. Emphasis varies by instructor.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3670	South American Prehistory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2020									
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution as expressed by the ancient societies of South America.									
A&S	SOC	ANTH	3700	Mexican/Central American Prehistory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2020									
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution in pre-Hispanic Mexico and Central America.									
A&S	SOC	ANTH	3730	Perspectives in Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 or 2010 or 2020									
		COURSE DESC:		Includes topics from the following areas of anthropological concern: nature of scientific inquiry, ethnology, linguistics, archaeology, biological anthropology.									
A&S	SOC	ANTH	3760	Culture Contact and Change	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Impacts of cultures upon one another; immediate and subsequent cultural adaptations; theory of change.									
A&S	SOC	ANTH	3770	Peasant Communities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Description and analysis of peasant societies; application of anthropological theory to an analysis of peasant social, political and economic organization; analysis of the role of the state and global processes in shaping peasant production, distribution, and consumption patterns.									
A&S	SOC	ANTH	3780	Human Ecology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 or 2020									
		COURSE DESC:		Analysis of mutual and reciprocal relations between sociocultural systems and other systems in their environment; ecosystems and biotic communities in which human populations are included.									
A&S	SOC	ANTH	3800	Cultures of South Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		This course focuses on everyday life in contemporary South Asia. Topics include family, gender, caste, religion, identity, politics, economics, globalization and diaspora.									
A&S	SOC	ANTH	3810	Cultures of Sub-Saharan Africa	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of cultural diversity present in Sub-Saharan Africa with emphasis on application of anthropological theory and method to understanding of particular sociocultural systems; analysis of sociocultural change in response to colonialism and globalization.									
A&S	SOC	ANTH	3820	Cultures of the Mediterranean	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		This course explores the diverse societies of the Mediterranean region as a geographic and cultural unit of analysis that spans South and Southeast Europe, North Africa, and the Middle East. Topics will include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.									
A&S	SOC	ANTH	3830	Cultures of Latin America	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of cultural diversity present in Latin America with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.									
A&S	SOC	ANTH	3850	Cultures of Southeast Asia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of cultural diversity present in island and mainland Southeast Asia with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.									
A&S	SOC	ANTH	3860	Problems in Southeast Asian Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Selected topics of current concern across Southeast Asian cultures and societies. Students will apply contemporary social theory to particular case studies.									
A&S	SOC	ANTH	3930	Readings in Anthropology	IND	IS	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 15 Hours in ANTH									
		COURSE DESC:		CR Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3970T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Anthropology.									
A&S	SOC	ANTH	3980T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Anthropology.									
A&S	SOC	ANTH	4470	Forensic Anthropology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 or LET 1450 or BIOS 1710									
		COURSE DESC:		Deals with the identification of human remains in situations that generally result in litigation. The recovery and analysis of remains unrecognizable by conventional methods is covered.									
A&S	SOC	ANTH	4480	Blood, Bones, and Violence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 or LET 1450 or BIOS 1710									
		COURSE DESC:		The identification, study and analysis of trauma and how it affects the human skeleton.									
A&S	SOC	ANTH	4520	Anthropological Archaeology	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 and 2010 and 2020 and (3610 or 3670 or 3700) and Sr									
		COURSE DESC:		Explores contemporary archaeology in which goals, methods, and theory are considered within the framework of science.									
A&S	SOC	ANTH	4560	Ethnographic Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Survey of methods and practical experience in the collection and analysis of data in cultural anthropology. Includes considerations of ethics in fieldwork and the institutional review of research proposals. Fulfills subfield requirement in cultural anthropology.									
A&S	SOC	ANTH	4580	Peoples, Plagues and Pestilence: The Anthropology of Infectious Disease	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 and (Jr or Sr)									
		COURSE DESC:		This course focuses on utilizing anthropological concepts such as the bio-cultural perspective to understand infectious disease, how cultures have responded to such challenges, and what the future might hold.									
A&S	SOC	ANTH	4590	Legal Anthropology	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in ANTH including ANTH 1010									
		COURSE DESC:		This course focuses on the comparative study of law, legal institutions, and other modes of dispute processing and regulation, in both contemporary and historical societies. We read foundational works in legal anthropology, examine ethnographic studies of legal structures in non-Western cultures, and apply anthropological theories to facets of the U.S. legal system. Through the course, we explore legal pluralism, law and colonialism, law and culture, and law and everyday life. We also consider ethnographies of human rights, law, and justice in conflict and post-conflict settings.									
A&S	SOC	ANTH	4620	Human Rights, Law and Justice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Applies anthropological perspectives to issues relating to human rights, law, and justice with special attention to themes of peacekeeping and peace building, democracy and the rule of law, and the politics of truth, justice, and reconciliation in conflict and post-conflict countries. Examines particular cases from Latin America, South Asia, Africa, and Southeast Asia to consider some of the questions facing countries that are emerging from periods of significant human rights violations, including how to attribute responsibility and guilt, how to deal with perpetrators, and how to provide proper redress to victims.									
A&S	SOC	ANTH	4720	History of Anthropological Thought	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 and 2010 and 2020 and (3010 or 3400 or 3450 or 3460 or 3490 or 3500 or 3510 or 3530 or 3540 or 3550 or 3570 or 3610 or 3660 or 3670 or 3700 or 3760 or 3770 or 3780 or 3800 or 3810 or 3830 or 3850 or 3860) and (Jr or Sr)									
		COURSE DESC:		Overview of the dominant theories and perspectives that have shaped cultural anthropological research and writing over the past century or so.									
A&S	SOC	ANTH	4730	Human Evolution	LEC	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ANTH 1010 and 2010 and 2020) and (1 course in ANTH) and (Jr or Sr)									
		COURSE DESC:		This course is designed to explore issues surrounding the evolution of humans, human ancestors and their close relatives, focusing on how selective pressures have shaped the evolutionary heritage of hominins.									
A&S	SOC	ANTH	4740	Zooarchaeology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ANTH 2010 AND 2020) OR BIOS 1710									
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).									
A&S	SOC	ANTH	4740	Zooarchaeology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ANTH 2010 AND 2020) OR BIOS 1710									
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	4900	Special Topics in Anthropology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	ANTH	4900	Special Topics in Anthropology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	ANTH	4910	Anthropology Internship	INT	IN	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 15 Hours in ANTH and ANTH major and 2.5 GPA overall									
		COURSE DESC:		The anthropology internship option allows students to gain professional experience in anthropology by working intensively on a particular project under the supervision of the sponsoring agency or organization. Anthropology internships may focus on any of the three fields represented by departmental faculty: archaeology, biological anthropology, and cultural anthropology. The internship experience varies according to the interests of students and the needs of the sponsoring organization.									
A&S	SOC	ANTH	4911	Field School in Ohio Archaeology	SEM	SE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2020									
		COURSE DESC:		Actual archaeological investigation of prehistoric Indian sites in Ohio. Involves survey, excavation, and laboratory analysis of materials, as well as lectures on anthropological archaeology as they pertain to Ohio.									
A&S	SOC	ANTH	4940	Independent Research in Anthropology	RSC	RS	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 15 Hours in ANTH									
		COURSE DESC:		Individual research in anthropology in specific problem areas in which student has demonstrated ability and interest.									
A&S	SOC	ANTH	4940H	Honors Thesis	RSC	RS	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ANTH major and 3.5 GPA in major and overall and Sr only									
		COURSE DESC:		This course is designed to allow students to receive credit for completing a Senior Honors Thesis. Typically one faculty member will supervise a single student as they complete their thesis.									
A&S	SOC	ANTH	4941	Seminar in Cultural Anthropology	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 and 3 hours of ANTH at 3000-level or above									
		COURSE DESC:		Advanced course dealing with topics of current research interest in cultural anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	4942	Seminar in Biological Anthropology	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 and 3 hours of ANTH at 3000-level or above									
		COURSE DESC:		Advanced course dealing with topics of current research interest in biological anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	4943	Seminar in Archaeological Anthropology	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2020 and 3 hours of ANTH at 3000-level or above									
		COURSE DESC:		Advanced course dealing with topics of current research interest in archaeological anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	4944	Seminar in Human Ecology	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Courses in ANTH above 3000									
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									
A&S	SOC	ANTH	4944	Seminar in Human Ecology	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Courses in ANTH above 3000									
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									
A&S	SOC	ANTH	4945	Seminar: Special Topics	SEM	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Courses in ANTH above 3000									
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.									
A&S	SOC	ANTH	4945	Seminar: Special Topics	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Courses in ANTH above 3000									
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.									
A&S	SOC	ANTH	4960	Human Diversity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 and (Jr or Sr)									
		COURSE DESC:		Exploration of human biological diversity including, genetics, physiology, morphology, demography, and behavior.									

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A&S	SOC	ANTH	4970T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Thesis work in Anthropology.									
A&S	SOC	ANTH	4980T	Anthropology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Thesis work in Anthropology.									
A&S	SOC	ANTH	5010	Visual Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The use of film as a medium for recording cultural information; as a technique for observation, analysis, and interpretation of cultural information; and as a means for presenting information about cultures, human adaptation, human evolution, and anthropological research itself.									
A&S	SOC	ANTH	5450	Gender in Cross-Cultural Perspective	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A cross-cultural comparative inquiry into the way different non-Western cultures define femininity and masculinity. Taking the view that gender is a cultural construction, the course examines the relationships between gender ideas and such features of social systems as kinship and political hierarchy. Ethnographic fieldwork materials are explored in light of current gender theories.									
A&S	SOC	ANTH	5460	Introduction to Human Osteology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the identification, study, and analysis of the human skeleton. Students will learn the microanatomy and macroanatomy of human bone and how skeletal remains are analyzed.									
A&S	SOC	ANTH	5470	Forensic Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Deals with the identification of human remains in situations that generally result in litigation. The recovery and analysis of remains unrecognizable by conventional methods is covered.									
A&S	SOC	ANTH	5480	Blood , Bones, and Violence	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The identification, study and analysis of trauma and how it affects the human skeleton.									
A&S	SOC	ANTH	5490	Life History: The Individual and Culture	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of ways of growing up in various cultures; emphasizes the relationship between the individual and culture.									
A&S	SOC	ANTH	5500	Economic Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Survey of economic arrangements found in various societies; anthropological analysis of economic exchange systems; application of anthropological theories concerning the role of economic processes in cultural systems; analysis of organizations of production, distribution and consumption; comparative analysis of economic systems.									
A&S	SOC	ANTH	5510	Political Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Anthropological exploration of various political systems; cross-cultural examination of political leadership, political power, and conflict. Emphasis on non-Western, non-industrialized societies.									
A&S	SOC	ANTH	5520	Anthropological Archaeology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores contemporary archaeology in which goals, methods, and theory are considered within the framework of science.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	5530	Anthropology of Violence and Peace	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the cultural dimensions of civil wars, ethnic and religious conflicts, communal violence, and state violence, as well as movements for human rights and peace.									
A&S	SOC	ANTH	5540	Primate Behavioral Ecology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		This course is designed to further students understanding of the behavior of non-human primates, from an evolutionary perspective, focusing on how selective forces impact the social behavior of primates.									
A&S	SOC	ANTH	5550	Medical Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		Non-Western medical systems and theories of health and disease causation; social basis for diagnosis and cure; curing rituals; symbolism of health and illness. Ecological factors in health and nonhealth; systemic connections between health concepts, culture, and environmental situations.									
A&S	SOC	ANTH	5560	Ethnographic Methods	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		Survey of methods and practical experience in the collection and analysis of data in cultural anthropology. Includes considerations of ethics in fieldwork and the institutional review of research proposals. Fulfills subfield requirement in cultural anthropology.									
A&S	SOC	ANTH	5570	Anthropology of Religion	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Survey of various aspects of religion in their cultural setting with emphasis on the use of anthropological theories for an objective understanding of religion.									
A&S	SOC	ANTH	5580	Peoples, Plagues and Pestilence: The Anthropology of Infectious Disease	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		This course focuses on utilizing anthropological concepts such as the bio-cultural perspective to understand infectious disease, how cultures have responded to such challenges, and what the future might hold.									
A&S	SOC	ANTH	5590	Legal Anthropology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the comparative study of law, legal institutions, and other modes of dispute processing and regulation, in both contemporary and historical societies. We read foundational works in legal anthropology, examine ethnographic studies of legal structures in non-Western cultures, and apply anthropological theories to facets of the U.S. legal system. Through the course, we explore legal pluralism, law and colonialism, law and culture, and law and everyday life. We also consider ethnographies of human rights, law, and justice in conflict and post-conflict settings.									
A&S	SOC	ANTH	5610	North American Prehistory	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		Analysis and interpretation of the cultural evolution of indigenous North American Indian cultures. Emphasis placed on those cultures from Ohio and the Midwest.									
A&S	SOC	ANTH	5620	Human Rights, Law and Justice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Applies anthropological perspectives to issues relating to human rights, law, and justice with special attention to themes of peacekeeping and peace building, democracy and the rule of law, and the politics of truth, justice, and reconciliation in conflict and post-conflict countries. Examines particular cases from Latin America, South Asia, Africa, and Southeast Asia to consider some of the questions facing countries that are emerging from periods of significant human rights violations, including how to attribute responsibility and guilt, how to deal with perpetrators, and how to provide proper redress to victims.									
A&S	SOC	ANTH	5660	Cultures of the Americas	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Survey of past and/or present cultural diversity present in North, South, or MesoAmerica or the Caribbean, with emphasis on application of the anthropological method and theory to understanding of particular sociocultural systems. Emphasis varies by instructor.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	5670	South American Prehistory	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution as expressed by the ancient societies of South America.									
A&S	SOC	ANTH	5700	Mexican/Central American Prehistory	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution in pre-Hispanic Mexico and Central America.									
A&S	SOC	ANTH	5720	History of Anthropological Thought	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Overview of the dominant theories and perspectives that have shaped cultural anthropological research and writing over the past century or so.									
A&S	SOC	ANTH	5730	Human Evolution	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR This course is designed to explore issues surrounding the evolution of humans, human ancestors and their close relatives, focusing on how selective pressures have shaped the evolutionary heritage of hominins.									
A&S	SOC	ANTH	5740	Zooarchaeology	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).									
A&S	SOC	ANTH	5740	Zooarchaeology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).									
A&S	SOC	ANTH	5760	Culture Contact and Change	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Impacts of cultures upon one another; immediate and subsequent cultural adaptations; theory of change.									
A&S	SOC	ANTH	5770	Peasant Communities	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Description and analysis of peasant societies; application of anthropological theory to an analysis of peasant social, political and economic organization; analysis of the role of the state and global processes in shaping peasant production, distribution, and consumption patterns.									
A&S	SOC	ANTH	5780	Human Ecology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Analysis of mutual and reciprocal relations between sociocultural systems and other systems in their environment; ecosystems and biotic communities in which human populations are included.									
A&S	SOC	ANTH	5800	Cultures of South Asia	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on everyday life in contemporary South Asia. Topics include family, gender, caste, religion, identity, politics, economics, globalization and diaspora.									
A&S	SOC	ANTH	5810	Cultures of Sub-Saharan Africa	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Survey of cultural diversity present in Sub-Saharan Africa with emphasis on application of anthropological theory and method to understanding of particular sociocultural systems; analysis of sociocultural change in response to colonialism and globalization.									
A&S	SOC	ANTH	5820	Cultures of the Mediterranean	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores the diverse societies of the Mediterranean region as a geographic and cultural unit of analysis that spans South and Southeast Europe, North Africa, and the Middle East. Topics will include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.									

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A&S	SOC	ANTH	5830	Cultures of Latin America	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of cultural diversity present in Latin America with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.									
A&S	SOC	ANTH	5850	Cultures of Southeast Asia	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of cultural diversity present in island and mainland Southeast Asia with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.									
A&S	SOC	ANTH	5860	Problems in Southeast Asia Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics of current theoretical concern relating to southeast Asia.									
A&S	SOC	ANTH	5900	Special Topics in Anthropology	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	ANTH	5900	Special Topics in Anthropology	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	ANTH	5911	Field School in Ohio Archaeology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Actual archaeological investigation of prehistoric Indian sites in Ohio. Involves survey, excavation, and laboratory analysis of materials, as well as lectures on anthropological archaeology as they pertain to Ohio.									
A&S	SOC	ANTH	5930	Readings in Anthropology	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.									
A&S	SOC	ANTH	5941	Seminar in Cultural Anthropology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced course dealing with topics of current research interest in cultural anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	5942	Seminar in Biological Anthropology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced course dealing with topics of current research interest in biological anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	5943	Seminar in Archaeological Anthropology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced course dealing with topics of current research interest in archaeological anthropology. Topic varies according to individual course.									
A&S	SOC	ANTH	5944	Seminar in Human Ecology	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									
A&S	SOC	ANTH	5944	Seminar in Human Ecology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									

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A&S	SOC	ANTH	5945	Seminar: Special Topics	SEM	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.									
A&S	SOC	ANTH	5945	Seminar: Special Topics	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.									
A&S	SOC	ANTH	5960	Human Diversity	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Exploration of human biological diversity including, genetics, physiology, morphology, demography, and behavior.									
A&S	SOC	SOC	1000	Introduction to Sociology	LEC	EL	3	0	2SS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nature of human society and factors affecting its development. Fundamental concepts of sociology: culture, personality, socialization, social organization, groups, institutions.									
A&S	SOC	SOC	1000	Introduction to Sociology	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nature of human society and factors affecting its development. Fundamental concepts of sociology: culture, personality, socialization, social organization, groups, institutions.									
A&S	SOC	SOC	2000	Contemporary Social Problems	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000 or (Soph or Jr or Sr)									
		COURSE DESC:		This course examines the claims-making process through which journalists, specialists, politicians, and agents of other media forms identify and reify social problems in everyday life. Special attention is paid to the ways in which claims-makers and social movement architects socially construct arguments by drawing on data sources and using strategic rhetorical styles to influence audiences. The causes and consequences of these definitional processes are examined using multiple social problems.									
A&S	SOC	SOC	2040	Animals and Human Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Students will learn about relationships between humans and animals historically and cross-culturally, how the meanings attached to animals structure human-animal and animal-human interactions within several institutions, and how these meanings work to perpetuate hierarchical human relationships such as racism and sexism. Several of the major philosophical positions regarding animal-human relations will be examined critically.									
A&S	SOC	SOC	2100	Introduction to Social Psychology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Patterning of individual behavior from social interactions. Analysis of individual-group relationships in various social settings. Current theory and research in social psychology.									
A&S	SOC	SOC	2110	Collective Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Examines the emergence and significance of collective behavior in its many forms. Topics may include but are not limited to behavior in crowds; behavior in panics, disasters, fads and fashions, protests, and riots; rumor and communication processes; and the impact of collective behavior on society.									
A&S	SOC	SOC	2200	Introduction to the Family	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Emphasis on American family and how it has been changing. Topics include interaction within family, family in relation to other institutions, mate selection, marriage and its alternatives, family disorganization, and future of American family.									
A&S	SOC	SOC	2300	Social Inequalities and Social Change	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		This course is a comprehensive survey of the sources, meaning, and consequences of social inequality in its multiple forms including age, class, gender, poverty/wealth, race/ethnicity, sexuality, and spatial dimensions. The course connects these forms to social change processes that can be both a source of or solution to inequality. Whether it is collective action, culture, development, the environment, globalization, population, social institutions, or social structure, social change has many sources, providing an arena for social inequality to play out and intersect in its various forms. Having taken this course, students will have received breadth in the coverage of social inequality and social change, enabling critical analysis of its dynamics and presence in their everyday lives and the larger society. Using a social injustice framework and an informed sociological imagination, the course is intended to prepare students for additional study in more focused and advanced topics in inequality.									
A&S	SOC	SOC	2310	Sociology of Health and Health Care	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Examination of social definitions of health and disease, distributions of health and disease, and health care delivery. Particular attention devoted to medical education, various health care delivery systems, and contemporary social issues in medicine.									

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A&S	SOC	SOC	2310	Sociology of Health and Health Care	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		Examination of social definitions of health and disease, distributions of health and disease, and health care delivery. Particular attention devoted to medical education, various health care delivery systems, and contemporary social issues in medicine.									
A&S	SOC	SOC	2330	Sociology of Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		A sociological examination of sport in the United States and its social organization as a major American institution. The course will examine the nature of sport, its social functions, and attempt to situate it in the wider contemporary and historical context of our society. Focus on topics such as: sport and socialization, violence/deviance in sport, sport and academic institutions, gender and race in sport, and the business of sport.									
A&S	SOC	SOC	2600	Criminal Justice	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		This course examines the structures and decision processes of agencies that deal with crime and people involved in justice process, including criminal justice personnel, people apprehended and convicted of crimes, and victims of crimes. An emphasis is placed on how practice is based on politically derived public policies, and how sociology can be used to analyze the practice of these agencies. Topics include but not limited to criminal law, policing, court systems, sentencing, and corrections.									
A&S	SOC	SOC	2610	Deviant Behavior	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000									
		COURSE DESC:		This course examines theory and research concerning the social processes through which behaviors and statuses come to be defined as deviant, individuals become identified as deviants, and social control practices are directed toward perceived deviants. Case studies of specific categories of deviant behavior, including but not limited to alcohol abuse criminality, drug addiction, and mental disorders, are examined.									
A&S	SOC	SOC	2900	Special Topics in Sociology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	SOC	2900	Special Topics in Sociology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	SOC	2920X	Exploring Professions and Careers in Sociology-Criminology	PRA	PR	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph only									
		COURSE DESC:		This two credit-hour practicum is designed to give sophomore standing sociology-criminology students an early start on the process of exploring careers in a broad array of fields relevant to their major. The course is designed to give students the opportunity to inventory marketable skills, participate in experiential learning, and explore a career path of interest.									
A&S	SOC	SOC	2970T	Honors Tutorial in Sociology	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors tutorial on topics in Sociology for first year students. Topics vary.									
A&S	SOC	SOC	2971T	Sociology Honors Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors tutorial on topics in Sociology for second year students. Topics vary.									
A&S	SOC	SOC	2980T	Honors Tutorial in Sociology	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors tutorial on topics in Sociology for first year students. Topics vary.									
A&S	SOC	SOC	2981T	Honors Tutorial in Sociology	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors tutorial on topics in Sociology for second year students. Topics vary.									
A&S	SOC	SOC	3000	Development of Sociological Theory	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course offers an introduction to sociological theory. Students will examine the historical roots of sociological theory and understand major theoretical paradigms with an emphasis on social and intellectual contexts, conceptual frameworks and methods, and contributions to contemporary social analysis.									

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A&S	SOC	SOC	3000	Development of Sociological Theory	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course offers an introduction to sociological theory. Students will examine the historical roots of sociological theory and understand major theoretical paradigms with an emphasis on social and intellectual contexts, conceptual frameworks and methods, and contributions to contemporary social analysis.									
A&S	SOC	SOC	3090	Sociology of Appalachia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		Appalachia, a region examined by sociologists for more than 100 years, continues to be a subject of study for academics seeking to demystify the region and foster positive change for its people and the land. The politics of the region, the persistence of poverty, and the development and sustainability of the economy, environment, and society are main themes in Appalachian studies that the course explores from a sociological perspective. Additional topics relevant to the sociology of Appalachia may include but are not limited to social movements and social media, transitional economies, and the dynamics of Appalachian culture and identity.									
A&S	SOC	SOC	3150	Social Identities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		Identity is a very complex concept that has personal, social, political, and cultural dimensions. This course explores the social construction of identity at each of these levels of interaction.									
A&S	SOC	SOC	3270	Sociology of Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		School as social institution in relation to community and development of child; comparative systems of education; issues of access and inequality in delivery of educational services.									
A&S	SOC	SOC	3290	Race and Ethnic Relations	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		Racial and ethnic problems in society; causes and consequences of prejudice and discrimination. Focus on differences and patterns of inequality in the United States as well as other societies.									
A&S	SOC	SOC	3300	Sociology of Poverty	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		Critically examines how poverty is defined and measured, the competing theoretical perspectives and debates on poverty, the implications of research on the poor, the numerous forms of poverty and its consequences, and strategies and policy solutions for fighting poverty.									
A&S	SOC	SOC	3310	Class and Inequality	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		Causes and consequences of class and social inequality in selected societies. Critical examination of ideologies that claim to justify inequality.									
A&S	SOC	SOC	3350	Economic Sociology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course examines the social structural, cultural, and political foundations of market exchange, the production of goods and services in the formal and informal economies, and consumption. A variety of theoretical approaches drawn from the political economy, social behavioral, sociology of culture, and social network traditions in sociology will be used to explore non-economic dimensions of economic structure and action.									
A&S	SOC	SOC	3350	Economic Sociology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course examines the social structural, cultural, and political foundations of market exchange, the production of goods and services in the formal and informal economies, and consumption. A variety of theoretical approaches drawn from the political economy, social behavioral, sociology of culture, and social network traditions in sociology will be used to explore non-economic dimensions of economic structure and action.									
A&S	SOC	SOC	3400	Population and Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course examines the social and cultural determinations and consequences of changes in fertility, mortality, and migration. Current and historical national and international population policies and programs are also examined, incorporating sources of demographic data used in population analysis.									
A&S	SOC	SOC	3410	Sociology of Immigration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		The purpose of this course is to educate students about immigration in the United States and around the world. The students learn about the history of sociological research on immigration to the United States, as well as the sociological theories that help us understand why people migrate to other countries. We cover diverse topics such as settlement patterns, education, identity, language, the second generation, religion, and integration. We also apply these topics to issues of public policy, addressing the shortcomings of past and present policies and potential solutions for future policies based on social science research. Finally, students are able to identify the challenges of global migration especially as it relates to social stratification.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	3500	Elementary Research Techniques	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 1000 and (404 or 3000) and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)							
		COURSE DESC:		An introduction to the techniques employed by social scientists to identify research problems, gather data, analyze data, and reach conclusions about their research ideas. Topics include how to identify a research problem, ways to develop data gathering procedures, techniques of gathering data, ways to summarize data, and ways to analyze data. The overall goal is to provide the tools to be able to design and carry out a research project.									
A&S	SOC	SOC	3500	Elementary Research Techniques	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 1000 and (404 or 3000) and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)							
		COURSE DESC:		An introduction to the techniques employed by social scientists to identify research problems, gather data, analyze data, and reach conclusions about their research ideas. Topics include how to identify a research problem, ways to develop data gathering procedures, techniques of gathering data, ways to summarize data, and ways to analyze data. The overall goal is to provide the tools to be able to design and carry out a research project.									
A&S	SOC	SOC	3520	Field Studies in Sociology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	SOC 3500							
		COURSE DESC:		CR	Planning, execution, and writeup of empirical study, utilizing skills developed in 3500. Limited class meetings, conferences with instructor, research report.								
A&S	SOC	SOC	3560J	Writing in Sociology & Anthropology	SEM	SE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in (ANTH or SOC)							
		COURSE DESC:		Junior level composition course for Sociology and Anthropology majors and students in related fields. Combines writing instruction with consideration of substantive social science topics. Students try various styles of social science writing (book reviews; grant proposals; field notes; interviews; etc.). Prerequisites: (JR OR SR) & 13 HRS SOC/ANT									
A&S	SOC	SOC	3600	Criminology	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		This course examines theories and research in criminal behavior and societal reaction to crime and deviance. It explores the what different methodological approaches and data sources inform us about the distribution of crime, and how social scientific understanding of crime is shaped by cultural, economic, organizational, social, and political forces. Consideration of the ethical responsibilities of criminology are also considered.									
A&S	SOC	SOC	3630	Juvenile Delinquency	LEC	LE	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		This course examines the social forces that shape the social control of children and adolescents and produce juvenile delinquency. Topics include but are not limited to: the history and social construction of youth and adolescence in the United States, the history of the juvenile justice system, the age-crime relationship, the empirically established predictors of behavior problems and youth crime, and a survey of juvenile justice programs and policies.									
A&S	SOC	SOC	3640	Police and Society	LEC	LE	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		Examines the nature and development of policing in the United States from a sociological perspective. Students are introduced to a broad range of topics including police decision making, procedural law, police culture, types of policing, police-minority relations, and police misconduct. Examines the changing role of police in society and the potential consequences these changes have for the development of social policy.									
A&S	SOC	SOC	3650	Sociology of Mental Illness	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in SOC including 1000							
		COURSE DESC:		Study of social and cultural foundations of mental illness, including review of historic and contemporary definitions of madness and treatment of mental illness. Distribution of mental illness in population and social factors related thereto. Nature of commitment process and legal, moral, and social implications of commitment. Examination of legal processes pertaining to criminal insanity.									
A&S	SOC	SOC	3660	Punishment and Society	LEC	LE	3	0		N	U30	CORRESPOND	66
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		This course is a survey of the theory, history, operation, and problems of punishment. It explores the organization and effectiveness of penal institutions, the causes and impacts of mass incarceration, the politics of punishment, and abolition movements. Topics studied include but are not limited to halfway houses, juvenile institutions, parole, prisons, privatization, and alternatives to punishment.									
A&S	SOC	SOC	3670	Corporate and Governmental Crime	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		Examination of the nature, extent, and distribution of corporate, governmental, and other forms of white-collar crime. Practical issues of conducting research in these areas and the application of theory to specific cases. Particular instances of corporate and governmental crime.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	3720	Sociology of Masculinity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000									
		COURSE DESC:		This course examines developments in the study of men and masculinity. The course focuses on the construction of masculinity in sports, family, work, and other social relationships. The effects of masculine identity on people and social institutions will be a primary focus of the course. The course also explores how masculinity is affected by and affects racial, occupational, physical ability, and sexual identities.									
A&S	SOC	SOC	3930	Readings in Sociology	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent directed readings designed to expand student's understanding in selected area of interest.									
A&S	SOC	SOC	3970T	Sociology Honors Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Honors tutorial on topics in Sociology for third year students. Topics vary.									
A&S	SOC	SOC	3980T	Sociology Honors Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Honors tutorial on topics in Sociology for third year students. Topics vary.									
A&S	SOC	SOC	4000	Emergent Topics in Sociological Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including (1000 and (404 or 3000))									
		COURSE DESC:		This advanced theory course offers an in-depth examination of current issues in sociological theory.									
A&S	SOC	SOC	4130	Media and Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		The proliferation of new media/technology and its impact upon social life; the dramatic impact of an intensely global visual culture upon social life; tensions in race, gender, and sexuality in representation; the resurgence and cultural functions of the real in box office documentary and reality television; ideological debates about media effects and violence; the limits of representation (images of death, torture, war, and genocide) and the end(s) of the social.									
A&S	SOC	SOC	4140	Contemporary Social Movements	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		Examines the meaning of social movements and contentious politics and their significance for producing social change in contemporary world societies. Using case studies of typical movements, the course emphasizes both radical and reform movements and their various dynamics and components including emergence and participation, organization, culture, identity, tactical repertoires, and outcomes among others.									
A&S	SOC	SOC	4160	Society and the Individual	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		An advanced examination of selected topics in sociological social psychology with emphasis on current theory and research.									
A&S	SOC	SOC	4190	Group Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		This course introduces a range of theories of group processes, discusses research applications to social groups, and encourages students to apply these theories to contemporary groups. Communication patterns, social networks, social roles, status processes, and solidarity are among topics covered. Current research literature is stressed.									
A&S	SOC	SOC	4210	Comparative Studies of Family	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		The institution of marriage and family will be examined and analyzed with regard to families from different cultural, racial, and ethnic backgrounds. Special emphasis on the significance of social and cultural determinants of family life in the United States.									
A&S	SOC	SOC	4220	The American Family System	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		Development of the family system throughout history with an emphasis on how changing patterns and conditions led to the formation of the American family. Problems and challenges, both at the micro and macro levels, faced by the American family today are also examined.									
A&S	SOC	SOC	4240	Urban Sociology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in SOC including 1000									
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	4240	Urban Sociology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									
A&S	SOC	SOC	4280	Sociology of Religion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.									
A&S	SOC	SOC	4280	Sociology of Religion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.									
A&S	SOC	SOC	4300	Sociology of Organization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		This course concentrates on the structure and process of formal organizations. We study various organizational forms, including bureaucracies and nonprofits, in detail. We will also explore the major theoretical perspectives for understanding how organizations function. The course will also explore the impact of organizations on individual identity, autonomy, and power.									
A&S	SOC	SOC	4320	Political Sociology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		This course examines authority and power relationships in both the state and civil society that influence structure and agency within key societal institutions at all levels, from the local to the global. A variety of class, historical-institutional, organizational, cultural, and social network perspectives are used to explore how power relationships develop, are institutionalized, and are challenged.									
A&S	SOC	SOC	4330	Sociology of Work	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.									
A&S	SOC	SOC	4330	Sociology of Work	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.									
A&S	SOC	SOC	4500	Data Analysis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including (1000 and 3500)						
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.									
A&S	SOC	SOC	4500	Data Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including (1000 and 3500)						
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.									
A&S	SOC	SOC	4620	Sociology of the Courts	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		This course is designed to introduce students to a sociological perspective on the importance and impact of the court system in American society. We will examine the court's structural and cultural features as well as how court officials create and move cases through to various institutional outcomes.									
A&S	SOC	SOC	4640	Law in Societies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		Explores the fundamental roles that law plays in organizing contemporary social life. Considers various ways of understanding law's complex presence: how law shapes and enables routine social interaction, how law constructs differences among people and their actions, how law mediates and enforces power relationships, and how law matters for the kind of societies we have. Our inquiries will examine official legal institutions and actors, but the class will emphasize how law works as a complex array of norms, symbols, discourses, and practices that infuse and shape all aspects of social life, from everyday social interaction to social movements and official legal institutions and actors. The course draws from the U.S. experience as well as historical, international, and transnational perspectives.									
A&S	SOC	SOC	4650	Social Change	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		9 Hours in SOC including 1000						
		COURSE DESC:		Dynamics and processes by which social change takes place; major theories of change; industrialization and modernization; social evolution and revolution; planned change; social impact of change.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	4670	Violence Against Women	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				Examines related forms of violence where women are the predominant victims, with a major emphasis on forcible rape and woman physical abuse. Other forms of violence against women may be included, such as stalking, rape in marriage, incest and other related subjects. The place of masculinities, the development of a rape culture, and the role of the media, including pornography, will be examined. The course will include both theoretical and empirical findings and developments.									
A&S	SOC	SOC	4680	Crimes Against Humanity: Confronting and Responding to Mass Atrocity and Genocide	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				How social scientists, criminologists, and other intellectuals have sought to make sense of genocide and mass atrocity; the challenge of mass violence for criminology and law; and responses to mass atrocity by local, national and transnational actors.									
A&S	SOC	SOC	4690	Crime, Risk, and Governance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				Upper-level undergraduate seminar designed to survey an emergent area of inquiry, the sociology of risk, in its multiple and varied forms, including the rise of world "risk society," actuarialism, governmentality, and edgework. Course focuses upon how individuals render comprehensible a world of risk; how these perceptions and experiences are shaping and shaped by social life; and how we construct justice and state governance in such contexts.									
A&S	SOC	SOC	4700	Sociology of Gender	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				This course explores the social and cultural construction of gender as a fundamental basis of social relations and institutions and the micro and macro narratives we tell about those interpersonal relations and institutions. Focus includes sociological theories of gender, and an examination of gender in areas such as sexuality, identity, the body, education, marriage, family, violence, health, paid and unpaid work, popular culture, politics, and the history of the discipline itself.									
A&S	SOC	SOC	4710	Gender and Justice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				Explores how the interpretation and application of criminal law reflects assumptions about men's and women's natures, appropriate roles, and positions in society. Readings examine changes and stability in the prosecution of violence against women; the prosecution, sentencing, and correction of women offenders; women's and men's access to the profession of law and other legal positions; and conceptions of justice. Readings highlight how race, class, and gender intersect and how structure and interpersonal interaction contribute to observed outcomes.									
A&S	SOC	SOC	4810	Environmental Sociology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000									
				Examines the interaction between social systems and the natural ecosystems in which they reside. It considers the predominant cultural, demographic, economic, geographic, political, and social factors that modify and shape the environment and the human ecological footprint. Emphasis is on the prospects for the emergence of sustainable societies and links between environmental issues and conflict, development, globalization, inequality, social change, and social movements among others.									
A&S	SOC	SOC	4900	GRADUATE PROSEMINAR IN SOCIOLOGY	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR									
				The proseminar is required for incoming sociology graduate students. It is designed to advance students' enthusiasm and commitment to sociology as an intellectual endeavor and as a profession. The course will also help graduate students acclimate to the rigorous requirements and culture of graduate school.									
A&S	SOC	SOC	4900	GRADUATE PROSEMINAR IN SOCIOLOGY	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR									
				The proseminar is required for incoming sociology graduate students. It is designed to advance students' enthusiasm and commitment to sociology as an intellectual endeavor and as a profession. The course will also help graduate students acclimate to the rigorous requirements and culture of graduate school.									
A&S	SOC	SOC	4910	Internship in Sociology & Criminology	INT	IN	3 to 9	9		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: Permission required and SOC 3500 and sociology major and Sr only									
				CR, PR Provides internship experience for students majoring in sociology, criminology/sociology, and sociology-prelaw. Students will have the opportunity to apply social science knowledge in working with law, business, criminal justice, non-profit, social service, and other organizations.									
A&S	SOC	SOC	4940	Research Problems in Sociology	RSC	RS	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: Permission required and 15 hours in SOC including (404 or 3000) and 3500									
				CR Individual research in specific problem areas in which student has demonstrated ability and interest.									
A&S	SOC	SOC	4940H	Honors Thesis in Sociology	RSC	RS	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Designed individually for students pursuing departmental honors. The work is undertaken under the supervision of a faculty member and may extend for up to one academic year. The student is expected to produce a thesis from the work.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	4950	Sociology Capstone	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		18 Hours in SOC including 3000 and 3500 and Sr only						
		COURSE DESC:		Capstone course in sociology.									
A&S	SOC	SOC	4970T	Sociology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Honors tutorial thesis course for seniors.									
A&S	SOC	SOC	4980T	Sociology Tutorial	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Honors tutorial thesis course for seniors									
A&S	SOC	SOC	5130	Media and Society	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		The proliferation of new media/technology and its impact upon social life; the dramatic impact of an intensely global visual culture upon social life; tensions in race, gender, and sexuality in representation; the resurgence and cultural functions of the zrealz in box office documentary and reality television; ideological debates about media effects and violence; the limits of representation (images of death, torture, war, and genocide) and the end(s) of the social.									
A&S	SOC	SOC	5140	Contemporary Social Movements	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Examines the meaning of social movements and contentious politics and their significance for producing social change in contemporary world societies. Using case studies of typical movements, the course emphasizes both radical and reform movements and their various dynamics and components including emergence and participation, organization, culture, identity, tactical repertoires, and outcomes among others.									
A&S	SOC	SOC	5160	Society and Individual	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		An advanced examination of selected topics in sociological social psychology with emphasis on current theory and research.									
A&S	SOC	SOC	5190	Group Processes	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Graduate Standing							
		COURSE DESC:		This course introduces a range of theories of group processes, discusses research applications to social groups, and encourages students to apply these theories to contemporary groups. Communication patterns, social networks, social roles, status processes, and solidarity are among topics covered. Current research literature is stressed.									
A&S	SOC	SOC	5210	Comparative Studies of Family	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		The institution of marriage and family will be examined and analyzed with regard to families from different cultural, racial, and ethnic backgrounds. Special emphasis on the significance of social and cultural determinants of family life in the United States.									
A&S	SOC	SOC	5220	The American Family System	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Development of the family system throughout history with an emphasis on how changing patterns and conditions led to the formation of the American family. Problems and challenges, both at the micro and macro levels, faced by the American family today are also examined.									
A&S	SOC	SOC	5240	Urban Sociology	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5240	Urban Sociology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									
A&S	SOC	SOC	5280	Sociology of Religion	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.									
A&S	SOC	SOC	5280	Sociology of Religion	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.									
A&S	SOC	SOC	5300	Sociology of Organization	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course concentrates on the structure and process of formal organizations. We study various organizational forms, including bureaucracies and nonprofits, in detail. We will also explore the major theoretical perspectives for understanding how organizations function. The course will also explore the impact of organizations on individual identity, autonomy, and power.									
A&S	SOC	SOC	5320	Political Sociology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course examines authority and power relationships in both the state and civil society that influence structure and agency within key societal institutions at all levels, from the local to the global. A variety of class, historical-institutional, organizational, cultural, and social network perspectives are used to explore how power relationships develop, are institutionalized, and are challenged.									
A&S	SOC	SOC	5330	Sociology of Work	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.									
A&S	SOC	SOC	5330	Sociology of Work	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.									
A&S	SOC	SOC	5500	Data Analysis	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.									
A&S	SOC	SOC	5500	Data Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.									
A&S	SOC	SOC	5620	Sociology of the Courts	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course is designed to introduce students to a sociological perspective on the importance and impact of the court system in American society. We will examine the court's structural and cultural features as well as how court officials create and move cases through to various institutional outcomes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5640	Law in Societies	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores the fundamental roles that law plays in organizing contemporary social life. Considers various ways of understanding law's complex presence: how law shapes and enables routine social interaction, how law constructs differences among people and their actions, how law mediates and enforces power relationships, and how law matters for the kind of societies we have. Our inquiries will examine official legal institutions and actors, but the class will emphasize how law works as a complex array of norms, symbols, discourses, and practices that infuse and shape all aspects of social life, from everyday social interaction to social movements and official legal institutions and actors. The course draws from the U.S. experience as well as historical, international, and transnational perspectives.									
A&S	SOC	SOC	5650	Social Change	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Dynamics and processes by which social change takes place; major theories of change; industrialization and modernization; social evolution and revolution; planned change; social impact of change.									
A&S	SOC	SOC	5670	Violence Against Women	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines related forms of violence where women are the predominant victims, with a major emphasis on forcible rape and woman physical abuse. Other forms of violence against women may be included, such as stalking, rape in marriage, incest and other related subjects. The place of masculinities, the development of a rape culture, and the role of the media, including pornography, will be examined. The course will include both theoretical and empirical findings and developments.									
A&S	SOC	SOC	5680	Crimes Against Humanity: Confronting and Responding to Mass Atrocity and Genocide	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		How social scientists, criminologists, and other intellectuals have sought to make sense of genocide and mass atrocity; the challenge of mass violence for criminology and law; and responses to mass atrocity by local, national and transnational actors.									
A&S	SOC	SOC	5690	Crime, Risk, and Governance	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Upper-level undergraduate seminar designed to survey an emergent area of inquiry, the sociology of risk, in its multiple and varied forms, including the rise of world "risk society," actuarialism, governmentality, and edgework. Course focuses upon how individuals render comprehensible a world of risk; how these perceptions and experiences are shaping and shaped by social life; and how we construct justice and state governance in such contexts.									
A&S	SOC	SOC	5700	Sociology of Gender	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course explores the social and cultural construction of gender as a fundamental basis of social relations and institutions and the micro and macro narratives we tell about those interpersonal relations and institutions. Focus includes sociological theories of gender, and an examination of gender in areas such as sexuality, identity, the body, education, marriage, family, violence, health, paid and unpaid work, popular culture, politics, and the history of the discipline itself.									
A&S	SOC	SOC	5710	Gender and Justice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores how the interpretation and application of criminal law reflects assumptions about men's and women's natures, appropriate roles, and positions in society. Readings examine changes and stability in the prosecution of violence against women; the prosecution, sentencing, and correction of women offenders; women's and men's access to the profession of law and other legal positions; and conceptions of justice. Readings highlight how race, class, and gender intersect and how structure and interpersonal interaction contribute to observed outcomes.									
A&S	SOC	SOC	5810	Environmental Sociology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the interaction between social systems and the natural ecosystems in which they reside. It considers the predominant cultural, demographic, economic, geographic, political, and social factors that modify and shape the environment and the human ecological footprint. Emphasis is on the prospects for the emergence of sustainable societies and links between environmental issues and conflict, development, globalization, inequality, social change, and social movements among others.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5900	Special Topics	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:		Graduate student in Sociology						
		COURSE DESC:		Required for incoming sociology graduate students. It is designed to advance students' enthusiasm and commitment to sociology as an intellectual endeavor and as a profession. The course will also help graduate students acclimate to the rigorous requirements and culture of graduate school.									
A&S	SOC	SOC	5930	Readings in Sociology	IND	IS	1 to 16	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Permission required						
		COURSE DESC:		Independent directed readings designed to expand understanding in selected areas of interest not covered in regular course offerings.									
A&S	SOC	SOC	5931	Research Problems in Sociology	IND	IS	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Permission required						
		COURSE DESC:		Individual research in specific problem areas in which student has demonstrated ability and interest.									
A&S	SOC	SOC	6000	Graduate Seminar in the Sociological Study of Gender	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		An advanced examination of current sociological theories and research in the sociology of gender including theoretical and methodological debates in gender studies.									
A&S	SOC	SOC	6010	Graduate Seminar: Qualitative Research Methods	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		This course provides an introduction to qualitative social science research methods, focusing primarily on participant observation and intensive interviewing. Students engage in fieldwork data collection techniques, qualitative data coding and analysis, and writing of qualitative research reports.									
A&S	SOC	SOC	6020	Graduate Seminar in the Sociology of Organizations	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		A survey of the sociological approach to the structure and function of organizations in society. The primary focus is on bureaucracies, nonprofit organizations, and enterprises. Students will gain an appreciation of how organizations work, empower, frustrate, and shape people. Students will understand why organizations succeed or fail in achieving their goals.									
A&S	SOC	SOC	6030	Seminar: Crime and Deviance	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		This course is an advanced survey of crime and deviance theories. The course will cover the history and development of theories of crime and deviance. Additional attention is focused on the methodological approaches and data sources used to estimate the distribution of crime and deviance in the U.S., and how to use and evaluate these different sources.									
A&S	SOC	SOC	6040	Graduate Seminar in Work and Inequality	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		The seminar focuses on the social organization of work, current trends, and inequalities. Students will critically examine sociological theories and research about work and workplaces in a global economy with an emphasis on the (re)production of inequality. The interdependence of economic, social, and political factors that shape and change the nature of work is covered within a global context.									
A&S	SOC	SOC	6050	Graduate Seminar in Race and Ethnicity	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		A systematic evaluation of the principal theories, research, and substantive issues that frame the sociological study of race and ethnicity.									
A&S	SOC	SOC	6060	Graduate Seminar in Social Inequality	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		A survey of the sociological study of the multiple forms of social inequality.									
A&S	SOC	SOC	6070	Graduate Seminar in Globalization and Development	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Graduate Standing						
		COURSE DESC:		A survey of the current theory, research and debates on globalization and its cultural, economic, political, and social forms. Topics may include conflict and violence, democratization and human rights, ecological change, food systems, political economy, international organizations, and social movements.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	6080	Graduate Seminar: Poverty	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of poverty in sociology.									
A&S	SOC	SOC	6090	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6100	Graduate Seminar	SEM	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6100	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6110	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6120	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic.									
A&S	SOC	SOC	6130	Graduate Seminar	SEM	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6130	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6140	Graduate Seminar	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	SOC	6150	Seminar in Social Psychology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		An advanced examination of selected topics in sociological social psychology with emphasis on current theory and research.									
A&S	SOC	SOC	6160	Sociological Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing in Sociology									
		COURSE DESC:		This seminar is designed to help students review the historical roots of sociological theory and understand major theoretical paradigms with an emphasis on social and intellectual contexts, conceptual frameworks and methods, and contributions to contemporary social analysis.									
A&S	SOC	SOC	6200	Social Policy	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing									
		COURSE DESC:		This course examines the use of sociological analysis in the formation and implementation of social policy.									
A&S	SOC	SOC	6300	Teaching Sociology	SEM	SE	1	12		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		This course is for sociology graduate students with grade book teaching responsibility.									
A&S	SOC	SOC	6510	Intermediate Data Analysis	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to fundamentals of multivariate analysis. Topics covered include simple linear and multiple regression, analysis of variance and covariance, and logistic regression.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	6510	Intermediate Data Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to fundamentals of multivariate analysis. Topics covered include simple linear and multiple regression, analysis of variance and covariance, and logistic regression.									
A&S	SOC	SOC	6540	Social Research Methods	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Graduate student in Sociology The course is a survey of sociological research methods and the role of research in the discipline of sociology. The course lays a foundation to help students plan and develop their personal research trajectory in sociology. The course surveys a range of research methods in an effort to demonstrate the breadth of opportunities in sociology and to identify criteria upon which different research strategies are evaluated. The goal of the course is to help students become more knowledgeable and discerning in their consumption of research, and to help them shift towards the role of producing research.									
A&S	SOC	SOC	6900	Special Topics in Sociology	LEC	EL	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Permission required CR, PR Specific course content will vary with offering.									
A&S	SOC	SOC	6900	Special Topics in Sociology	LEC	LE	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Permission required CR, PR Specific course content will vary with offering.									
A&S	SOC	SOC	6920	Practicum in Sociology	PRA	PR	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Completion of the course requirements for the Master of Arts degree, including theory and both methods courses CR, PR This course is designed for students who seek direct application of sociological knowledge and have chosen the non-thesis option to complete their Master of Arts degree. The course provides students with experience in evaluation of social and organization policies. The course is organized around sociological themes and integrates instructor expertise and interests with those of students. Students participate in reading and discussion to develop research on a specific topic centered on the theme of the course. The final product may include grant proposals, group research reports, and organizational case studies. Students present the results of their work to peers and faculty for evaluation.									
A&S	SOC	SOC	6931	Independent Study	IND	IS	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Permission required CR, PR For graduate students in good standing who wish to undertake independent study toward M.A. degree under guidance of faculty member.									
A&S	SOC	SOC	6945	Seminar in Teaching Sociology	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Graduate student in Sociology CR, PR This course helps Sociology graduate students develop an effective approach to teaching, including an overarching philosophy and framework for teaching, as well as applied teaching strategies and skills. In addition to readings, discussions, and hands-on teaching skills sessions, seminar assignments enable students to create a foundational teaching portfolio.									
A&S	SOC	SOC	6950	Thesis	THE	TH	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Permission required CR, PR For sociology graduate students working on a thesis									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	1000	Introduction to Women's, Gender, and Sexuality Studies GEC1: A-F REQUISITE: An interdisciplinary fundamentals course in which students explore a range of perspectives regarding social, political, and cultural constructions of gender and sexuality and their intersection with race, ethnicity, nationality, class, disability, and other elements of diversity.	LEC	EL	3	0	2HL	N	U30		0
A&S	WGSS	WGSS	1000	Introduction to Women's, Gender, and Sexuality Studies GEC1: A-F REQUISITE: An interdisciplinary fundamentals course in which students explore a range of perspectives regarding social, political, and cultural constructions of gender and sexuality and their intersection with race, ethnicity, nationality, class, disability, and other elements of diversity.	LEC	LE	3	0	2HL	N	U30		0
A&S	WGSS	WGSS	2000	Issues in Women's, Gender, and Sexuality Studies GEC1: A-F REQUISITE: WGSS 1000 Critical analysis of contemporary issues pertaining to women, gender, and sexuality.	LEC	EL	3	0		N	U30		0
A&S	WGSS	WGSS	2000	Issues in Women's, Gender, and Sexuality Studies GEC1: A-F REQUISITE: WGSS 1000 Critical analysis of contemporary issues pertaining to women, gender, and sexuality.	LEC	LE	3	0		N	U30		0
A&S	WGSS	WGSS	2100	Women, Gender, and Rock and Roll GEC1: A-F REQUISITE: An analysis of the extent to which rock and roll has challenged the boundaries of women and gender by exploring the relationship between feminism and rock. Topics might include blues, jazz, girl groups, folk, soul, punk, rap, MTV, and riot grrl.	LEC	LE	3	0		N	U30		0
A&S	WGSS	WGSS	2200	Introduction to LGBTQ Studies GEC1: A-F REQUISITE: An introductory course in which students examine various historical, sociocultural, and political aspects of lesbian, gay, bisexual, transgender, and queer identities and experience.	LEC	LE	3	0		N	U30		0
A&S	WGSS	WGSS	2900	Special Topics in Women's, Gender, and Sexuality Studies GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	WGSS	WGSS	2900	Special Topics in Women's, Gender, and Sexuality Studies GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	WGSS	WGSS	2970T	WGSS Non-Thesis Tutorial First Year GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.	TUT	TU	1 to 15	15		N	U30		0
A&S	WGSS	WGSS	2971T	WGSS Non-Thesis Tutorial Second Year GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.	TUT	TU	1 to 15	15		N	U30		0
A&S	WGSS	WGSS	2980T	WGSS Non-Thesis Tutorial First Year GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.	TUT	TU	1 to 15	15		N	U30		0
A&S	WGSS	WGSS	2981T	WGSS Non-Thesis Tutorial Second Year GEC4: A-F, REQUISITE: HTC CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.	TUT	TU	1 to 15	15		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	3200	Sexual Revolutions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000 or 2000									
		COURSE DESC:		Examines various sexual revolutions, past and present, through differing disciplinary lenses.									
A&S	WGSS	WGSS	3500	Feminist Theory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000 or 2000									
		COURSE DESC:		An introduction to feminist theory. Examines feminist theoretical concepts in Europe and the U.S. from their inceptions in early 20th century through the present. Includes discussions of women and the vote, sexuality, identity politics, and girl culture. Texts are theoretical, historical, and literary. Film and video clips might be used to enhance course lectures.									
A&S	WGSS	WGSS	3500	Feminist Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000 or 2000									
		COURSE DESC:		An introduction to feminist theory. Examines feminist theoretical concepts in Europe and the U.S. from their inceptions in early 20th century through the present. Includes discussions of women and the vote, sexuality, identity politics, and girl culture. Texts are theoretical, historical, and literary. Film and video clips might be used to enhance course lectures.									
A&S	WGSS	WGSS	3810J	Writing Gender	SEM	SE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000 and (ENG 1510 or 1610) and (Jr or Sr)									
		COURSE DESC:		An intensive writing workshop exploring intersections of gender, race, class, and sexuality.									
A&S	WGSS	WGSS	3910	Internship in Women's and Gender Studies	INT	IN	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000									
		COURSE DESC:		Includes a 1.5-hour/week seminar and a six-hour/week work experience. The seminar focuses on applying and evaluating ideas learned in Women's Studies courses to the "real world" experience of women's organization and feminist practice. The seminar and supervised job placement are designed to help students make a successful transition into the competitive work world by testing personal strengths, clarifying preferences, and sharing reflections on work experiences with the instructor and other students.									
A&S	WGSS	WGSS	3970T	WGSS Non-Thesis Tutorial Third Year	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	WGSS	3980T	WGSS Non-Thesis Tutorial Third Year	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	WGSS	4100	Global Feminisms	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 3500									
		COURSE DESC:		Considers women's issues and feminist movements from a global and non-Western perspective. Includes discussion of the globalization of feminism; the relationship between feminism and colonialism; the connection of women's movements to national/independence movements and revolutionary movements; and specific issues such as work/labor, sexuality, reproduction, and religion.									
A&S	WGSS	WGSS	4110	Women and Globalization	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 1000									
		COURSE DESC:		Explores how globalization has affected the social status of women, their economic resources, their rights, and their opportunities. Focus is on the economic effects of the spread of free market capitalism.									
A&S	WGSS	WGSS	4500	Advanced Feminist Theory	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 3500									
		COURSE DESC:		An exploration of post-1980s feminist theory. Begins with key Continental thinkers and moves to American theorists. Looks at important ways in which social construction has shifted the discussion of race, ethnicity, and postcoloniality away from identity and other concerns of the early Second Wave.									
A&S	WGSS	WGSS	4600	Gender, Sexuality, and Culture	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 3500									
		COURSE DESC:		Draws on theoretical, historical, and aesthetic texts in order to discuss the relationships among gender, sexuality, and diverse forms of cultural representation.									
A&S	WGSS	WGSS	4610	Queer Theory	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGSS 3500									
		COURSE DESC:		Examines the intellectual and activist roots of queer theory, some of its most consequential statements, and current issues and debates within this body of literature.									
A&S	WGSS	WGSS	4800	Capstone in Women's, Gender, and Sexuality Studies	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WGS 3500 and 6 additional hours of WGS and Sr only									
		COURSE DESC:		Guides students in identifying and researching a topic and producing a scholarly paper of 20 or more pages. Ideally the topic will build on previous work and thus involve significant revision in order to further refine the scope of research. The development of research skills is emphasized.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	4820	Capstone in LGBTQ Studies	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WGSS 4610 and 6 additional hours of WGSS and Sr							
		COURSE DESC:		Guides students in identifying and researching a topic and producing a scholarly paper of 20 or more pages. The topic will build on previous work and thus involve significant revision in order to further refine the scope of research. The development of research skills is emphasized.									
A&S	WGSS	WGSS	4820	Capstone in LGBTQ Studies	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WGSS 4610 and 6 additional hours of WGSS and Sr							
		COURSE DESC:		Guides students in identifying and researching a topic and producing a scholarly paper of 20 or more pages. The topic will build on previous work and thus involve significant revision in order to further refine the scope of research. The development of research skills is emphasized.									
A&S	WGSS	WGSS	4900	Special Topics in Women's, Gender and Sexuality Studies	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WGSS 1000 and (Jr or Sr)							
		COURSE DESC:		Focuses on specific topics of interest in the field of Women's, Gender and Sexuality Studies.									
A&S	WGSS	WGSS	4930	Independent Reading	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Directed individual reading or research.									
A&S	WGSS	WGSS	4970T	WGSS Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		CR, PR Honors tutorial thesis in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	WGSS	4980T	WGSS Thesis Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		CR, PR Honors tutorial thesis in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	WGSS	4990H	Honors Project	TUT	TU	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		PR Completion of individual writing project for B.A. with honors and Women's, Gender, and Sexuality Studies major.									
A&S	WGSS	WGSS	5100	Global Feminisms	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Considers women's issues and feminist movements from a global and non-Western perspective. Includes discussion of the globalization of feminism; the relationship between feminism and colonialism; the connection of women's movements to national/independence movements and revolutionary movements; and specific issues such as work/labor, sexuality, reproduction, and religion.									
A&S	WGSS	WGSS	5110	Women and Globalization	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Explores how globalization has affected the social status of women, their economic resources, their rights, and their opportunities. Focus is on the economic effects of the spread of free market capitalism.									
A&S	WGSS	WGSS	5500	Advanced Feminist Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR An explanation of post-1980s feminist theory. Begins with key Continental thinkers and moves to American theorists. Looks at important ways in which social construction has shifted the discussions of race, ethnicity, and postcoloniality away from identity and other concerns to the early Second Wave.									
A&S	WGSS	WGSS	5600	Gender, Sexuality, and Culture	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Draws on theoretical, historical, and aesthetic texts in order to discuss the relationships among gender, sexuality, and diverse forms of cultural representation.									
A&S	WGSS	WGSS	5610	Queer Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		PR Examines the intellectual and activist roots of queer theory, some of its most consequential statements, and current issues and debates within this body of literature.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	5890	Graduate Seminar in Feminist Theory ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Presents advanced survey of contemporary feminist theory that is designed to acquaint the student with some of the major debates in feminist theory, and to foster intellectual dialogue among students from different disciplines.									
A&S	WGSS	WGSS	5900	Special Topics in Women's, Gender and Sexuality Studies ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	12		N	G40		0
				GEC1: A-F REQUISITE: Focuses on specific topics of interest in the field of Women's, Gender and Sexuality Studies.									
A&S	WGSS	WGSS	5930	Independent Reading ELIGIBLE GRADES: COURSE DESC:	IND	IS	1 to 4	8		I	G40		0
				GEC1: A-F REQUISITE: Permission required Directed individual reading and research.									
A&S	WGSS	WGSS	6000	Gendered Bodies ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	0		N	G40		0
				GEC1: A-F REQUISITE: Students explore how gendered bodies are created within systems of power and how gender is embodied through beauty, race, sports and play, menstruation, sexuality, disability, cancer, intersex and trans bodies, and pregnancy.									
A&S	WGSS	WGSS	6010	Medicine, Science & Sexuality ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	0		N	G40		0
				GEC1: A-F REQUISITE: This course studies how the history of medical and scientific approaches to sexuality, as well as contemporary medical practices, shape modern discourses of sexuality. Students examine how medicine shapes global discourses of sexuality within the context of the legacy of European colonialism. Students reflect on issues relevant to LGBTQ diversities, contraception and abortion, as well as sexual health, desire, and morality.									
A&S	WGSS	WGSS	6030	Sexual Violence & Survivor Advocacy ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	0		N	G40		0
				GEC1: A-F REQUISITE: Survey of the social scientific literature on the history of sexual violence and the evolution of its definitions; the social correlates of offending and victimization; the social patterns of different forms of sexual offending; the programs and policies aimed at reducing sexual violence, processing offenders, and meeting the therapeutic and social institutional needs of survivors.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	1000	Financial Accounting for Entrepreneurs	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I Quantitative Skills									
		COURSE DESC:		An introductory course in accounting which will include recording, reporting and measuring business transactions, income, assets, liabilities and equities. The course will focus on using accounting information for strategic planning and decision-making in business organizations. Topics covered include preparation and analysis of financial statements, budgeting, break-even analysis, and time value of money.									
COB	ACCT	ACCT	1000	Financial Accounting for Entrepreneurs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I Quantitative Skills									
		COURSE DESC:		An introductory course in accounting which will include recording, reporting and measuring business transactions, income, assets, liabilities and equities. The course will focus on using accounting information for strategic planning and decision-making in business organizations. Topics covered include preparation and analysis of financial statements, budgeting, break-even analysis, and time value of money.									
COB	ACCT	ACCT	1005	Accounting for Business Activities	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB major and Warning: No credit for this course if taken after ACCT 1010									
		COURSE DESC:		This course is designed to be an introduction to accounting principles, terminology, and concepts for non-business majors. It will expose students to accounting processes, procedures and analytical tools. Accounting is $\frac{1}{2}$ The Language of Business $\frac{1}{2}$ and students need a basic understanding to communicate in the business world.									
COB	ACCT	ACCT	1005	Accounting for Business Activities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB major and Warning: No credit for this course if taken after ACCT 1010									
		COURSE DESC:		This course is designed to be an introduction to accounting principles, terminology, and concepts for non-business majors. It will expose students to accounting processes, procedures and analytical tools. Accounting is $\frac{1}{2}$ The Language of Business $\frac{1}{2}$ and students need a basic understanding to communicate in the business world.									
COB	ACCT	ACCT	1010	Foundations of Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or Math Placement Level 1 or higher									
		COURSE DESC:		Introduction to the accounting process, external financial reporting, and analysis. Introduction to compound interest concepts, Financial Literacy concepts and budgeting. Some managerial accounting concepts will be discussed. This course is required for all College of Business Majors.									
COB	ACCT	ACCT	1020	Decision Making with Accounting	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 and (ECON 1030 or concurrent)									
		COURSE DESC:		Use of accounting information for making managerial decisions. Study of cost behavior, overhead costs allocation, basic cost accumulation systems, elementary capital budgeting, master and flexible budgets, and cost control.									
COB	ACCT	ACCT	2900	Special Topics in Accounting	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	ACCT	ACCT	2900	Special Topics in Accounting	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	ACCT	ACCT	2910	Internship	INT	IN	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		PR, F Internship experience that provides on-site exposure to general business operations and procedures with some exposure to Accounting for at least three consecutive weeks (120 hours needed to earn 1 credit hour). Intended for experiences following the freshman year.									
COB	ACCT	ACCT	3040	Financial Accounting and Reporting I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1020									
		COURSE DESC:		In-depth study of conceptual framework of accounting, disclosure standards for general purpose financial statements, and measurement standards for cash, receivables, inventories, and associated revenues and expenses, including application of compound interest techniques. Required for accounting major.									
COB	ACCT	ACCT	3050	Financial Accounting and Reporting II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ACCT 3040									
		COURSE DESC:		Measurement and reporting standards for tangible and intangible operating assets, investments, liabilities, contingencies, stockholders' equity, and special problems of revenue recognition. Required for accounting major.									
COB	ACCT	ACCT	3100	Managerial Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1020									
		COURSE DESC:		Emphasis on manufacturing and service organizations. Topics include activity-based costing/activity-based management, analysis of cost variances, and complex capital budgeting issues. Required for accounting major.									
COB	ACCT	ACCT	3400	Introduction to Federal Income Tax Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1020 is REQUIRED and ACCT 3040 and FIN 2400 are HIGHLY recommended									
		COURSE DESC:		Overview of the impact of federal income taxes on conducting business transactions. Required for accounting major.									

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COB	ACCT	ACCT	3450	Accounting Systems and Internal Control	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3030									
		COURSE DESC:		Computer technology as it relates to design, implementation, and operation of accounting information systems. A major portion of the course is devoted to internal control procedures.									
COB	ACCT	ACCT	3660	Oil and Gas Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010									
		COURSE DESC:		This is a course designed to present the fundamentals of accounting for oil and gas exploration and production to accounting majors and other interested students.									
COB	ACCT	ACCT	3770	Entrepreneurial Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 and 1020									
		COURSE DESC:		This course takes accounting concepts and materials from introductory accounting and develops them in ways specifically intended to develop key financial capabilities in aspiring entrepreneurs. The focus is on the fundamental aspects of planning and control necessary for the accounting component of a business plan. These include cash management, comprehensive budgets, and forecasted financial statements. Topics in taxation are introduced such that the student can both better handle typical day to day operations and also better identify those urgent issues requiring outside experts.									
COB	ACCT	ACCT	3910	Internship	INT	IN	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		PR, F Internship experience that provides opportunities to learn by participating in day-to-day accounting activities of a business concern for at least three consecutive weeks (120 hours needed to earn 1 credit hour). Intended for experiences following the sophomore year. No more than three credit hours can be earned for any one internship contract.									
COB	ACCT	ACCT	4200	Assurance Services and Internal Controls	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3040									
		COURSE DESC:		A financial auditing course focused on risk assessment and evidence accumulation as a basis for the independent auditor's opinion on the fair presentation of the financial statements. Examines internal controls of various business cycles needed to ensure reliable financial reporting.									
COB	ACCT	ACCT	4400	Single-entity Accounting and Tax Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3400 and (Jr or Sr)									
		COURSE DESC:		Compensation planning and multi-jurisdictional tax planning issues and additional advanced tax planning topics in corporate and partnership formation, distributions, liquidations, and restructuring.									
COB	ACCT	ACCT	4500	Accounting for Non-Business Entities and Contemporary Professional Issues	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3040 and (Jr or Sr)									
		COURSE DESC:		Accounting theory for governmental and nonprofit organizations: financial reporting; fund accounting; budgeting and control; contemporary accounting issues.									
COB	ACCT	ACCT	4520	Advanced Auditing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 4200									
		COURSE DESC:		Auditing theory and practice with emphasis on current issues, professional standards, ethics, legal liability, special reports, special industries, and advanced auditing techniques.									
COB	ACCT	ACCT	4600	Multiple-Entity Accounting and Tax Planning	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3050 and ACCT 3400 and Sr									
		COURSE DESC:		Acct 4600 Multiple-Entity Accounting and Tax Planning focuses on business combinations and consolidations. It will include financial accounting and reporting, foreign currency transactions and translation, and tax implications of business combinations. As the capstone course for the accounting major, we will include discussions of the accountant's role in society. In particular, the accountant's role in ethical conduct, civility, leadership and sustainability will be an integral part of this course. The course is designed to motivate students for the accounting profession, promote technical competency, develop life-long research skills, advance critical thinking, and foster the development of communication skills. The primary references for this class are the Accounting Standards Codification and handouts posted on the class forum.									
COB	ACCT	ACCT	4900	Special Topics in Accounting	SEM	SE	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Selected topics of current interest in accounting area. Course will be research based. Deliverables may include exams, research papers, and case studies.									
COB	ACCT	ACCT	4910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Internship experience that provides opportunities to learn by participating in day-to-day accounting activities of a business or governmental concern for at least three consecutive weeks (120 hours needed to earn 1 credit hour). Intended for public accounting, corporate accounting, or State-level auditing internship experiences following the sophomore year.									
COB	ACCT	ACCT	4930	Independent Research	IND	IS	1 to 3	10		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	4940H	Honors Thesis	RSC	RS	1 to 3	10		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required of director of honors studies						
		COURSE DESC:		Thesis for honors students. Research is instructor directed.									
COB	ACCT	ACCT	5010	Intermediate Accounting Concepts	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	This course studies the conceptual framework of accounting, disclosure standards for general purpose financial statements, and measurement standards for cash, receivables, inventories, tangible and intangible operating assets, investments, liabilities, and associated revenues and expenses, including application of compound interest techniques. Measurement and reporting standards for contingencies, stockholders' equity, and special problems associated with revenue recognition are also studied.						
		COURSE DESC:											
COB	ACCT	ACCT	5020	Advanced Accounting Concepts I	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		This course studies advanced accounting topics in the following areas: Managerial Accounting, Cost Accounting, Taxation and Accounting Information Systems.									
COB	ACCT	ACCT	5030	Advanced Accounting Concepts II	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		This course studies advanced accounting topics in the following areas: Auditing, Forensic Accounting and Fraud Examination, Advanced Financial Accounting and Governmental/Not-for-Profit Accounting..									
COB	ACCT	ACCT	5900	Special Topics in Accounting	SEM	SE	1 to 3	9		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Selected topics of current interest in accounting area. Course will be research based. Deliverables may include exams, research papers, and case studies.									
COB	ACCT	ACCT	5930	Independent Study	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.									
COB	ACCT	ACCT	6100	Advanced Managerial Accounting and Decision Making	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		An in-depth study of management accounting techniques and methods needed for effective management of business enterprises. The trade-offs management makes in acquiring and using accounting information for decision-making and control are discussed. Specific topics include cost behavior and estimation, short-term decision-making, budgeting, performance evaluation, cost allocation, and product costing.									
COB	ACCT	ACCT	6200	Advanced Auditing and Assurance Services	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		An examination of the nature of assurance services with an emphasis on evaluating the quality of information. Contemporary auditing techniques are explored with a focus on the entity's control systems. Course covers advanced issues which arise in audit practice including audit reporting issues, fraud detection and reporting, attestation engagements, special reporting issues, compilation and review engagements, scope of services issues, and other new issues which have a significant impact in audit practice.									
COB	ACCT	ACCT	6250	Forensic Accounting and Fraud Investigation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	This course is designed to help students apply their accounting, auditing, information systems and communication skills and build the forensic and investigative skills needed to detect financial fraud, perform litigation support services and prepare a case for criminal proceedings or civil litigation. These skills are highly valued in the rapidly growing field of forensic accounting.						
		COURSE DESC:											
COB	ACCT	ACCT	6300	Financial Accounting Theory and Research	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		An examination of the foundations and applications of accounting theory as it relates to financial accounting and reporting. The course draws upon existing research which provides evidence about the applicability of accounting theory to the financial reporting process for business enterprises which prepares financial statements in accordance with generally accepted accounting principles.									
COB	ACCT	ACCT	6400	Income Tax Research, Planning and Special Topics	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Students learn how to research complex tax issues and engage in complex tax planning. The focus of the course is the application of these skills to current tax issues facing accounting practitioners.									
COB	ACCT	ACCT	6500	Professional Ethics and Communication for Accountants	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		This course is designed to help students in their ethical obligations and decision making to meet their responsibilities under the professions' code of conduct. These skills should help students ensure that their work meets the highest standards of integrity, independence and objectivity while understanding the challenges of ethical decision making by providing an examination of various ethical theories; identifying and resolving ethical dilemmas; the potential civil and criminal liability of accountants under both statutes and common law; civil and criminal liability in accounting practice; ethical issues and cases in accounting practice; issues and cases involving the Code of Professional Conduct. In addition, this course provides students theory and practice in oral and written communication involving practicing accountants.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	6800	Contemporary Topics in Accounting	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		This course is an application of the theory underlying financial accounting and reporting and the interrelationships between the different accounting sub-disciplines. Cases and problems are utilized to illustrate contemporary issues related to standard setting and financial statement measurement and reporting topics. Significant and rapid changes in accounting rules affect the financial reporting and analysis that management uses to make business decisions. This course explores contemporary accounting topics that accounting professionals face in the workplace and how the accompanying requirements change the way companies and their business partners use, report, analyze, and interpret financial data. Actual subjects covered vary as conditions change. This course serves as the Capstone Experience for our program. Specifically, this course provides a review of the material covered throughout the program and an opportunity to assess a student's overall learning in the program.									
COB	ACCT	ACCT	6900	Special Topics in Accounting	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Selected topics of current interest in accounting area.									
COB	ACCT	ACCT	6930	Independent Study	IND	IS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	2010	Basic Personal Finance	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces financial literacy, which includes understand in the sources of personal income and how consumers spend, manage risk and save. Methods for saving and investing will be presented. The importance of personal credit scores and consumer debt, including credit cards, automobile loans and home mortgages will be discussed. Topics will also include goal setting, household budgeting and major purchase decision making. There will also be a discussion of retirement planning and the various ways to prepare for retirement. Students will be trained to calculate mortgage and car loan payments and the value of an investment. The purpose of this course is to prepare students to solve personal financial problems and make good financial decisions.									
COB	FIN	FIN	2010	Basic Personal Finance	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces financial literacy, which includes understand in the sources of personal income and how consumers spend, manage risk and save. Methods for saving and investing will be presented. The importance of personal credit scores and consumer debt, including credit cards, automobile loans and home mortgages will be discussed. Topics will also include goal setting, household budgeting and major purchase decision making. There will also be a discussion of retirement planning and the various ways to prepare for retirement. Students will be trained to calculate mortgage and car loan payments and the value of an investment. The purpose of this course is to prepare students to solve personal financial problems and make good financial decisions.									
COB	FIN	FIN	2400	Financial Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ACCT 1010 and COB						
		COURSE DESC:		This course is an introduction to and overview of financial management.									
COB	FIN	FIN	2900	Special Topics in Finance	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	FIN	FIN	2900	Special Topics in Finance	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	FIN	FIN	2910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Permission required and 2.5 GPA						
		COURSE DESC:		PR, F Internship experience that provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									
COB	FIN	FIN	3000	Introduction to Corporate Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(ACCT 1005 or 1010) and WARNING: No Credit if taken after the following: FIN 2400 and 3100						
		COURSE DESC:		Introduces the student to the basic principles of short-term and long-term corporate financial management.									
COB	FIN	FIN	3100	Financial Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ACCT 1000 and not COB and WARNING not (FIN 2020 or 2400)						
		COURSE DESC:		CR This corporate finance course takes a profit-maximizing approach to the investing, financing, and managerial decisions of a business firm. The principles also apply to not-for-profit organizations and to individuals. The major topics include financial goals, financial mathematics, financial statement analysis, risk and return, financial asset valuation, capital budgeting, and the cost of capital.									
COB	FIN	FIN	3100	Financial Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ACCT 1000 and not COB and WARNING not (FIN 2020 or 2400)						
		COURSE DESC:		CR This corporate finance course takes a profit-maximizing approach to the investing, financing, and managerial decisions of a business firm. The principles also apply to not-for-profit organizations and to individuals. The major topics include financial goals, financial mathematics, financial statement analysis, risk and return, financial asset valuation, capital budgeting, and the cost of capital.									
COB	FIN	FIN	3200	Financial Statement Analysis and Financial Modeling	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		Use of financial analytical tools to draw insights regarding a firm's historical financial position and performance, and to make management and investing decisions regarding its future prospects in multiple industrial contexts.									
COB	FIN	FIN	3200	Financial Statement Analysis and Financial Modeling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		Use of financial analytical tools to draw insights regarding a firm's historical financial position and performance, and to make management and investing decisions regarding its future prospects in multiple industrial contexts.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	3270	Financial Markets and Institutions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1350 or 2301									
		COURSE DESC:		Flow of funds and interest-price movements in money and capital markets. Supply of loanable funds and demand for funds in mortgage loan market, consumer credit market, corporate securities markets, and markets for government securities and municipal obligations. Consideration of effects on financial markets of Federal Reserve and Treasury policies.									
COB	FIN	FIN	3310	Risk and Insurance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Social importance of risk and its place in personal, business, and national life, including principles and methods of handling risk. Special interest in technique of insurance.									
COB	FIN	FIN	3410	Investments	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1350 or 2301									
		COURSE DESC:		This course covers the principles used by investors to identify and evaluate various investment alternatives.									
COB	FIN	FIN	3910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		Internship experience that provides opportunities to learn by participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	FIN	FIN	3921	Applied Investment Management Practicum	PRA	PR	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Selection into COB student investment group									
		COURSE DESC:		Under the supervision of qualified faculty and staff and through hands-on experience, students gain knowledge, skills, and confidence in investment management by managing portfolios of real assets. The portfolios are managed in a professional manner, and the students are responsible for all aspects of the investment management process including strategy, security selection, portfolio construction, monitoring, compliance, and reporting.									
COB	FIN	FIN	4100	Personal Financial Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 2400									
		COURSE DESC:		Introduction to financial planning for individuals. This course will survey the topics of money management, insurance planning, investment planning, retirement planning, and estate planning.									
COB	FIN	FIN	4110	Retirement Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 4100									
		COURSE DESC:		Provides students with knowledge of public and private retirement plans. Specifics of the various plans are analyzed and issues that individuals face in retirement are discussed.									
COB	FIN	FIN	4120	Estate Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 4100									
		COURSE DESC:		Focuses on the efficient conservation and transfer of wealth, consistent with the client's goals. Legal, financial and nonfinancial aspects of the process, including topics such as wills, trusts, probate, wealth transfers, and related taxes.									
COB	FIN	FIN	4140	Cases in Financial Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 3400 and BUSL 2550 and FIN 3310 and 3410 and 4110 and 4120									
		COURSE DESC:		Critical thinking and decision-making about personal financial management topics in the context of the financial planning process.									
COB	FIN	FIN	4280	Bank Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270									
		COURSE DESC:		Analysis of objectives, functions, practices, and problems of financial institutions as viewed by management of these institutions.									
COB	FIN	FIN	4360	Life Insurance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3310									
		COURSE DESC:		Fundamental economics of life insurance. Principles and practices, including types of contracts, group and industrial insurance, and annuities.									
COB	FIN	FIN	4420	Security Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and FIN 3410 and QBA 2010									
		COURSE DESC:		Equity security analysis using various quantitative and qualitative methods.									
COB	FIN	FIN	4430	Fixed Income Security Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and FIN 3410 and QBA 2010									
		COURSE DESC:		Principles and practices governing the valuation of fixed income securities. Managing interest rate and credit risk in the fixed income portfolio.									
COB	FIN	FIN	4440	Financial Derivatives	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and FIN 3410 and QBA 2010									
		COURSE DESC:		Analysis of derivatives: futures, forwards, options, and swaps. Text is supplemented by current readings and derivatives trading simulations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	4460	Fixed Income & Futures	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and 3410									
		COURSE DESC:		This course explores the principles and practices governing the valuation of fixed income securities. Methods for managing interest rate and credit risk in the fixed income portfolio are studied and applied using real world examples and data. Various methods of analysis of futures securities in fixed income, commodity and other markets are also be covered.									
COB	FIN	FIN	4470	Equity and Option Valuation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and 3410									
		COURSE DESC:		This course examines equity security analysis using various quantitative and qualitative methods. Further, the basics of equity derivatives are covered along with option market mechanics and valuation methods.									
COB	FIN	FIN	4510	Intermediate Corporate Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3000 and 3270									
		COURSE DESC:		This course covers intermediate analysis and decision making in the corporate setting. Corporations are examined using many industry relevant tools and models. Other specific topics include company structure, raising capital, and capital allocation.									
COB	FIN	FIN	4520	Entrepreneurial Finance	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of basic financial management techniques to small business environment (100 or fewer employees). Problems faced by persons who start small businesses and recommendations for alternative solutions to most commonly discovered problems. Microview, nuts-and-bolts approach used throughout course, but consistent with broad macro-overview set of company objectives.									
COB	FIN	FIN	4520	Entrepreneurial Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of basic financial management techniques to small business environment (100 or fewer employees). Problems faced by persons who start small businesses and recommendations for alternative solutions to most commonly discovered problems. Microview, nuts-and-bolts approach used throughout course, but consistent with broad macro-overview set of company objectives.									
COB	FIN	FIN	4530	Real Estate Finance	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 2400									
		COURSE DESC:		This course will consider the economic issues that are of fundamental importance in the analysis of real estate investment and financing. Specifically, both the financial and market analysis of real estate investments will be explored in detail. In addition, particular attention will be paid to the effects of various types of financing options on the investor's return on income producing property and the consumer's decision to purchase residential real estate. Finally, the course will consider the effects of government intervention in both the real estate and mortgage markets.									
COB	FIN	FIN	4530	Real Estate Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 2400									
		COURSE DESC:		This course will consider the economic issues that are of fundamental importance in the analysis of real estate investment and financing. Specifically, both the financial and market analysis of real estate investments will be explored in detail. In addition, particular attention will be paid to the effects of various types of financing options on the investor's return on income producing property and the consumer's decision to purchase residential real estate. Finally, the course will consider the effects of government intervention in both the real estate and mortgage markets.									
COB	FIN	FIN	4550	International Finance	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 2400									
		COURSE DESC:		This course builds on the fundamental principles of corporate finance to provide the tools students need to participate in a dynamic global business environment.									
COB	FIN	FIN	4550	International Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 2400									
		COURSE DESC:		This course builds on the fundamental principles of corporate finance to provide the tools students need to participate in a dynamic global business environment.									
COB	FIN	FIN	4580	Applied Corporate Finance	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3000 and 3270 and 4510									
		COURSE DESC:		This course examines advanced corporate finance topics presented through lecture and cases including capital structure, capital budgeting, payout policy, and mergers and acquisitions. Topics are explored using industry relevant tools and models and real time data.									
COB	FIN	FIN	4590	Advanced Corporate Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270									
		COURSE DESC:		This course applies the theory and empirical findings of corporate finance to decisions that managers make in many areas, including capital budgeting, capital structure and external financing, dividend and payout policy, asset pricing, firm valuation, working capital management, mergers and acquisitions, and restructuring and reorganization.									
COB	FIN	FIN	4600	Mathematical Analysis of Financial Decisions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and FIN 3410 and QBA 2010									
		COURSE DESC:		Application of quantitative methods to financial management, with special emphasis on systems approach to evaluating proposed financial decisions.									
COB	FIN	FIN	4610	Financial Management and Policy	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and 3410 and Sr only									
		COURSE DESC:		Case study of financial management in business enterprises. Planning current and long-run financial needs, profit planning, allocation of funds, raising funds, dividend policies, expansion and combination, recapitalization and reorganization.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	4800	Series 6 and OH Insurance Exam Prep	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FIN 3270 and 3410									
		COURSE DESC:		This course will prepare students to sit for two professional examinations. The Investment Company Products/Variable Life Contracts Representative Exam (Series 6) and The Ohio Agent's Examination for Life, Accident and Health Insurance Series. Topics covered include mutual funds, variable annuities, unit investment trusts, initial offerings of closed-end funds, life insurance, health insurance and other insurance products.									
COB	FIN	FIN	4900	Special Topics in Finance	SEM	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Selected topics of current interest in finance area.									
COB	FIN	FIN	4900	Special Topics in Finance	SEM	SE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Selected topics of current interest in finance area.									
COB	FIN	FIN	4910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Experience might include project-oriented assignments. The intern often has extended contact with customers or clients and might attend and participate in departmental meetings. Positions that are considered by the company as "trial runs" to full-time placement would be at this level.									
COB	FIN	FIN	4930	Readings	IND	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Readings in selected fields of finance. Topics selected by student in consultation with the instructor.									
COB	FIN	FIN	4930	Readings	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Readings in selected fields of finance. Topics selected by student in consultation with the instructor.									
COB	FIN	FIN	4940	Independent Research	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Research in selected fields of finance under direction of faculty member.									
COB	FIN	FIN	4940H	Honors Thesis	RSC	RS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Honors thesis.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	1000	Introduction to the College of Business	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COB PR, F									
		COURSE DESC:		Provides information about College of Business majors, offices, and services so students are familiar with the available options. Department chairs and directors, administrators, student representatives, and various guest speakers discuss the structure and procedures of the College of Business.									
COB	MGT	BA	1100	Introduction to Business	LEC	LE	3	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A general introduction to business, its environment, and the skills needed for success.									
COB	MGT	BA	1500	Introduction to Business Communication and Professional Skills	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB									
		COURSE DESC:		Introduces the basic business communication principles and practices and sets the communication standards in preparation for real world workplace experiences. Business-related cases are utilized for research, writing, and speaking activities.									
COB	MGT	BA	1600	Introduction to Business Problems	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed primarily as a transition course for international students moving into the College of Business from the Ohio Program in Intensive English or similar programs. Students will be introduced to basic business concepts and terminology and will learn to research and present recommendations for business improvement using both oral and written approaches.									
COB	MGT	BA	1600	Introduction to Business Problems	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed primarily as a transition course for international students moving into the College of Business from the Ohio Program in Intensive English or similar programs. Students will be introduced to basic business concepts and terminology and will learn to research and present recommendations for business improvement using both oral and written approaches.									
COB	MGT	BA	2000	Career Management Strategies	LEC	LE	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: COB and (Soph or Jr or Sr) and BA 1000 CR									
		COURSE DESC:		The Career Management Seminar will require that students develop knowledge and comprehension of several professional development processes and tools, including the career management process, networking, job search strategies, interviewing, offer screening and ongoing career management strategies. The primary focus is preparing College of Business students for an aggressive and successful internship or full-time job search strategy. A secondary goal is to support the development of a long-term career management strategy that includes goal-setting, personal development, and an appreciation for continuous improvement and lifelong learning.									
COB	MGT	BA	2500	Strategic Business Communication	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB and BA 1500									
		COURSE DESC:		Strategic managerial communication issues of critical and current interest are addressed in conjunction with cross-functional cluster projects and include the strategic execution of communication medium, form, and format. Attention is given to strengthening strategic managerial communication skills for greater success in the complex and sometimes problematic workplace.									
COB	MGT	BA	2500	Strategic Business Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB and BA 1500									
		COURSE DESC:		Strategic managerial communication issues of critical and current interest are addressed in conjunction with cross-functional cluster projects and include the strategic execution of communication medium, form, and format. Attention is given to strengthening strategic managerial communication skills for greater success in the complex and sometimes problematic workplace.									
COB	MGT	BA	2900	Special Topics in Business Administration	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	BA	2900	Special Topics in Business Administration	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	BA	2910	Internship	INT	IN	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA PR, F									
		COURSE DESC:		Provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	2950	Select Leaders I: Leadership Development for Sophomores	SEM	SE	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Students are introduced to principle-based leadership. Students are asked to define their principles and values and identify their leadership style. Using the Leadership Practices Inventory self-assessment, students are encouraged to focus on the "Model the Way" behavior and are expected to find their voice by establishing their principles and style while setting an example through personal leadership.									
COB	MGT	BA	2970T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. First year.									
COB	MGT	BA	2971T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.									
COB	MGT	BA	2980T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. First year.									
COB	MGT	BA	2981T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.									
COB	MGT	BA	3290	Current Global Business Issues	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Current issues in global business with particular emphasis on preparing students for the Global Competitiveness Program.									
COB	MGT	BA	3400	Integrated Business Cluster Project	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(FIN 240 and MGT 240 and MIS 202 and MKT 240) or concurrent							
		COURSE DESC:		Integrated business problems in the context of cross-functional cluster projects. These projects will integrate learning in marketing, management, information systems, and finance. Students will acquire basic business research skills, use analytical and problem-solving skills to approach cross-functional business problems, learn concepts related to managing effective teams, and acquire practical skills related to communication, networking, and ethical decision making.									
COB	MGT	BA	3910	Internship	INT	IN	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and 2.5 GPA							
		COURSE DESC:		Internship experience that provides opportunities for participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MGT	BA	3950	Select Leaders II: Leadership Development for Juniors	SEM	SE	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Student in Select Leaders Program							
		COURSE DESC:		Students in second year of the program begin to collect various leadership experiences both inside and outside of the program. Their principles are at the core of these experiences. Students at this level understand their leadership style and are learning how to be effective when interacting with different individuals and situations. Using the Covey model, students are Independent and working to achieve Public Victory. Students will focus on the Leadership Practices Inventory behavior Challenge the Process. They are expected to search for areas for improvement in both themselves and their organizations. They are encouraged to experiment by taking on different leadership opportunities. .									
COB	MGT	BA	3960	Emerging Leaders I: Leadership Development	SEM	SE	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Selection into Emerging Leaders Program							
		COURSE DESC:		The course is about discovering who a participant is, as a person, and as a leader. During the semester, students are introduced to principle-based leadership, self-discovery and self-awareness. Students are asked to define their principles and values and identify their leadership style. On Stephen Covey's model of The 7 Habits, students recognize how to move from dependency to interdependency, and discover who they are as an individual. Next, students participate in a 2-part intensive career management seminar, which includes career interest inventory and other career management tools. Students then participate in the Big 5 Personality Assessment. Finally the students discover their own authentic leadership approach through the study of True North, taking part in leading sessions with their colleagues.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	3965	Emerging Leaders II: Leadership Development	SEM	SE	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Selection into Emerging Leaders Program						
		COURSE DESC:		Emerging Leaders II is designed to provide students with the tools and skills they need to become effective leaders. Students participate in a series of sessions entitled Speak as Well as You Think, based on the work of John Vautier. These sessions are designed to improve the speaking and message delivery of leaders. Students are videotaped and provided one on one feedback regarding their message and delivery of the message. Students participate in designing news ways of thinking about challenging the process and innovation through a series of sessions around lean thinking, value stream mapping, problem solving, and innovation. Lastly, students participate in a series of sessions, based on the book by Kouzes and Posner entitled The Leadership Challenge. Students lead each of the sessions and engage their colleagues in discussions and experiential exercises to more deeply understand and practice the behaviors necessary to be an effective leader.									
COB	MGT	BA	3970T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Third year.									
COB	MGT	BA	3980T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Third year.									
COB	MGT	BA	4900	Special Topics in Business Administration	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	COB only and (Soph or Jr or Sr)						
		COURSE DESC:		CR									
COB	MGT	BA	4900	Special Topics in Business Administration	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	COB only and (Soph or Jr or Sr)						
		COURSE DESC:		CR									
COB	MGT	BA	4905	Seminar in Business Administration	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	CR, PR						
		COURSE DESC:		Seminar in Business Administration with topics determined by the assigned instructor. Topics will vary across offerings of this course so please see the Management Department for specifics.									
COB	MGT	BA	4910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F									
COB	MGT	BA	4920	International Business Experience	PRA	PR	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	Participation in Global Competitiveness Program or approved alternative international experience. Permission required.						
		COURSE DESC:		PR									
				Students participate in the Global Competitiveness Program or other approved international experience. Students will be required to prepare a reflection paper describing their learning about global/international business from the experience.									
COB	MGT	BA	4930	Readings in Business Administration	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR									
				Directed readings in topics in Business Administration arranged by student proposal of topic and faculty supervisor approval.									
COB	MGT	BA	4940	Independent Research in Business Administration	RSC	RS	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Written proposal						
		COURSE DESC:		CR, PR									
				Research in selected fields of business administration under direction of faculty member.									
COB	MGT	BA	4950	Select Leaders III: Leadership Development for Seniors	SEM	SE	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Student in Select Leaders Program						
		COURSE DESC:		The senior year in the program focuses on establishing a legacy. A key element of the Select Leadership Development Program is servant leadership, which is exemplified during the senior year of the program. Seniors are the leaders of the program and are essential to the growth of the sophomores and juniors. Seniors reflect on their development in the program and share their experiences with younger members. The goal of seniors is to achieve Interdependence in Covey's 7 Habits model. Seniors focus on the Leadership Practices Inventory behavior Enable Others to Act. They recognize potential in younger members and empower them to grow in their leadership.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	4970T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Individualized tutorial for HTC students only to prepare students to conduct in depth research on a business topic. This is a thesis tutorial.									
COB	MGT	BA	4980T	Business Administration Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Individualized tutorial for HTC students only to prepare students to conduct in depth research on a business topic. This is a thesis tutorial.									
COB	MGT	BA	5950	Seminar in Business Administration	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Special topics in business administration.									
COB	MGT	BA	5950	Seminar in Business Administration	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Special topics in business administration.									
COB	MGT	BUSL	2000	Law and Society	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS 8123 and (Soph or Jr or Sr) and WARNING: no credit if taken after BUSL 2550									
		COURSE DESC:		Conceptual approach to origin, nature, structure, functions, and procedures of law, with study of ethics and introduction to constitutional, administrative, criminal, tort, contractual, international, and environmental law, as well as business organizations.									
COB	MGT	BUSL	2550	Corporate Responsibility in a Legal Environment	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB only and (Soph or Jr or Sr)									
		COURSE DESC:		Conceptual approach to origin, nature, structure, functions, and procedures of law, with study of corporate responsibility and ethics and introduction to constitutional, administrative, criminal, tort, product liability, contractual, international, property, agency, partnership, corporation, and employment law including equal opportunity.									
COB	MGT	BUSL	2900	Special Topics in Business Law	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	MGT	BUSL	2900	Special Topics in Business Law	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	MGT	BUSL	3400	Law of Food	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course covers the law regulating the manufacture, distribution, and sale of food products in the United States. The emphasis is on food safety law, but safety is often intertwined with many other aspects of U.S. food regulation. Topics covered include the regulation of labeling, advertising, food additives, dietary supplements, genetic modification, HACCP, civil and criminal liability for defective products, inspections, importation and exportation, and food disparagement laws. The course is designed to give students a better understanding of the issues involved in the regulation of food and a general understanding of the full scope of food safety regulation in the United States, and gaining skill in analyzing how the law applies to the facts of a novel situation.									
COB	MGT	BUSL	3570	Law of Corporate Governance, Commerce & Related Topics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 2550 or BUSL 2000 and (jr or sr)									
		COURSE DESC:		Legal aspects of corporate governance, securities regulation, antitrust, negotiable instruments, secured transactions, bankruptcy, other interests in property and related topics.									
COB	MGT	BUSL	3780	Legal Aspects of Entrepreneurship	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course is designed for students who want to start, join or invest in a start-up or new business at any time during their career. Its goal is to develop an understanding of the legal concepts that are an integral part of decision making from the time an entrepreneur conceives, starts to build and obtains financing from venture capitalists and other funding sources for a new company, throughout the life-cycle of the firm including development of exit strategies for that company. Particular emphasis is placed on maximizing the value of intellectual property in knowledge-based industries. The course should have particular appeal to students considering careers in high tech, biotech, telecommunications, media and entertainment, venture capital, financial services and pharmaceuticals.									
COB	MGT	BUSL	3850	International Business Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the laws, organizations, and principles that impact on business transactions in the international arena. Focuses upon the importance of international business in a global economy and upon the special legal issues facing businesses, large and small, that engage in international trade, franchising, licensing, or investment.									

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COB	MGT	BUSL	3910	Internship	INT	IN	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:		Permission required and 2.5 GPA						
		COURSE DESC:		Internship experience that provides opportunities for participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MGT	BUSL	4650	Law of Sports	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Jr or Sr						
		COURSE DESC:		Regulations of amateur athletics, public regulation of sports activities, legal relationships in professional sports, enforcement of professional sports contract, liability for injuries, and antitrust aspects of sports activities.									
COB	MGT	BUSL	4810	Seminar	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		BUSL 2550						
		COURSE DESC:		Selected topics of current interest in business law area.									
COB	MGT	BUSL	4900	Special Topics in Business Law	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	BUSL	4900	Special Topics in Business Law	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	BUSL	4930	Independent Research	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:		Written proposal						
		COURSE DESC:		Research in selected fields of business law under direction of faculty member.									
COB	MGT	BUSL	5000	Law and Society	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Conceptual approach to origin, nature, structure, functions, and procedures of law, with study of ethics and introduction to constitutional, administrative, criminal, tort, contractual, international, and environmental law, as well as business organizations.									
COB	MGT	BUSL	5400	Law of Food	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course covers the law regulating the manufacture, distribution, and sale of food products in the United States. The emphasis is on food safety law, but safety is often intertwined with many other aspects of U.S. food regulation. Topics covered include the regulation of labeling, advertising, food additives, dietary supplements, genetic modification, HACCP, civil and criminal liability for defective products, inspections, importation and exportation, and food disparagement laws. The course is designed to give students a better understanding of the issues involved in the regulation of food and a general understanding of the full scope of food safety regulation in the United States, and gaining skill in analyzing how the law applies to the facts of a novel situation.									
COB	MGT	BUSL	5570	Law of Corporate Governance, Commerce & Related Topics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		BUSL 5000						
		COURSE DESC:		Legal aspects of corporate governance, securities regulation, antitrust, negotiable instruments, secured transactions, bankruptcy, other interests in property, and related topics.									
COB	MGT	BUSL	5650	Law of Sports	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:								
		COURSE DESC:		Regulations of amateur athletics, public regulation of sports activities, legal relationships in professional sports, enforcement of professional sports contracts, antitrust aspects of sports activities, liability for injuries in sports activities.									
COB	MGT	BUSL	5950	Seminar in Business Law	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Special topics seminar for business law.									
COB	MGT	BUSL	5950	Seminar in Business Law	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Special topics seminar for business law.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6110	MBA Core I	LEC	LE	12	24		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Business-related subjects delivered in modular format. Consists of 12 credit hours of modular units in accounting, statistics, marketing, and economics. Units may be added by the faculty team from other 600-level business courses based on the current business environment.									
COB	MGT	MBA	6120	MBA Core II	LEC	LE	13	26		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6110 CR, PR									
		COURSE DESC:		Modular content of business-related subjects. Consists of 13 credit hours of modular units in accounting, finance, marketing, and management. Units may be added from other 600-level business courses based on current business environment. Students must take a 3 credit hours elective in addition to the 13 credit hours of business modules.									
COB	MGT	MBA	6130	MBA Core III	LEC	LE	13	26		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6120 CR, PR									
		COURSE DESC:		Modular content of business-related subjects. Consists of 13 credit hours of modular units in management information systems, marketing, management, finance, operations, and international business. Units may be added from other 600-level business courses based on current business environment. Students must take a 3 credit hours elective in addition to the 13 credit hours of business modules.									
COB	MGT	MBA	6300	Building & Developing Customer Relationships	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission into MBA Program or the Strategic Selling and Sales Leadership Certificate									
		COURSE DESC:		The course addresses topics related to building and developing effective relationships at the customer interface. The goal is to help students develop and practice skills in the areas of interpersonal communications, negotiations, creating value and product solutions, presentation, asking questions, active listening, determining customer needs, and identifying & qualifying prospects. Role-plays and interactive exercises are employed in order to help students apply the knowledge to real-world situations. Cases are also employed on certain topics such as ethics and negotiation.									
COB	MGT	MBA	6310	Foundations of Accounting	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Introduction to the basic tenets and processes of accounting systems for financial statements and managerial reports. Study of the financial reporting process for investor and creditor decisions, including internal controls. Study of cost behavior, budgeting, and capital budgeting for managerial reports. Spreadsheet design and application integrated throughout the course.									
COB	MGT	MBA	6310	Foundations of Accounting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Introduction to the basic tenets and processes of accounting systems for financial statements and managerial reports. Study of the financial reporting process for investor and creditor decisions, including internal controls. Study of cost behavior, budgeting, and capital budgeting for managerial reports. Spreadsheet design and application integrated throughout the course.									
COB	MGT	MBA	6315	Accounting for Executives	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Critical analysis and application of accounting principles, and building on those principles to maximize value creation. Bridging accounting and financial disciplines with strategic focus of an organization, and understanding the external forces impacting that particular organization.									
COB	MGT	MBA	6315	Accounting for Executives	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Critical analysis and application of accounting principles, and building on those principles to maximize value creation. Bridging accounting and financial disciplines with strategic focus of an organization, and understanding the external forces impacting that particular organization.									
COB	MGT	MBA	6320	Data Analysis for Decision Making	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Provides a basic understanding of the effective use of the elementary tools of statistical analysis. Students will improve their ability to "think statistically;" identifying and exploiting variation during problem solving. Extensive use of spreadsheet-based statistical techniques is also addressed.									
COB	MGT	MBA	6320	Data Analysis for Decision Making	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR									
		COURSE DESC:		Provides a basic understanding of the effective use of the elementary tools of statistical analysis. Students will improve their ability to "think statistically;" identifying and exploiting variation during problem solving. Extensive use of spreadsheet-based statistical techniques is also addressed.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6325	Prescriptive Analytics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Provides an introduction to analytics, which can be characterized as the gathering of data, processing of that data, interpreting the results of the information thus generated, all justified by and culminating in the commitment of management to decisive action based on the insights developed. Employs techniques from the classical disciplines of statistics and operations research as well as more recently developed methodologies such as data mining, executive information systems, digital dashboards and online analytical processing.									
COB	MGT	MBA	6325	Prescriptive Analytics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Provides an introduction to analytics, which can be characterized as the gathering of data, processing of that data, interpreting the results of the information thus generated, all justified by and culminating in the commitment of management to decisive action based on the insights developed. Employs techniques from the classical disciplines of statistics and operations research as well as more recently developed methodologies such as data mining, executive information systems, digital dashboards and online analytical processing.									
COB	MGT	MBA	6330	Financial Markets	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Introduces macroeconomic issues and concepts that a manager has to understand and adapt to. An overview is provided of the structure and functioning of financial markets. Also addressed: how to frame economic issues within the rest of the external environment.									
COB	MGT	MBA	6330	Financial Markets	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Introduces macroeconomic issues and concepts that a manager has to understand and adapt to. An overview is provided of the structure and functioning of financial markets. Also addressed: how to frame economic issues within the rest of the external environment.									
COB	MGT	MBA	6335	Managerial Finance	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Managerial Finance is an integrated application of accounting and economic principles to the financial functions of business. The course covers financial analysis, basic investing concepts, risk and return, time value of money, capital structure, and capital budgeting.									
COB	MGT	MBA	6335	Managerial Finance	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Managerial Finance is an integrated application of accounting and economic principles to the financial functions of business. The course covers financial analysis, basic investing concepts, risk and return, time value of money, capital structure, and capital budgeting.									
COB	MGT	MBA	6340	Organizational Behavior and Human Resource Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		A strategic and analytical approach to complex behavioral problems involving interactions among individuals, groups and organizational structure. Includes an exploration of the design and implementation of management practices as a basis for aligning human resource practices to support and advance strategy implementation and control for the organization.									
COB	MGT	MBA	6340	Organizational Behavior and Human Resource Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		A strategic and analytical approach to complex behavioral problems involving interactions among individuals, groups and organizational structure. Includes an exploration of the design and implementation of management practices as a basis for aligning human resource practices to support and advance strategy implementation and control for the organization.									
COB	MGT	MBA	6345	Financial Markets and Institutions	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		This course provides students with a basic knowledge of the concepts, problems, and applications of financial decision making as it relates to financial markets and institutions. Concepts related to banking, equity markets, fixed income markets, derivative markets, and foreign exchange markets are emphasized.									
COB	MGT	MBA	6345	Financial Markets and Institutions	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		This course provides students with a basic knowledge of the concepts, problems, and applications of financial decision making as it relates to financial markets and institutions. Concepts related to banking, equity markets, fixed income markets, derivative markets, and foreign exchange markets are emphasized.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6350	Strategic Marketing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		MBA 6350 focuses on understanding basic marketing principles, exploring the linkages between marketing strategy and tactics, and learning strategic issues in marketing. Students analyze situations and develop strategic marketing recommendations by exploring the complex, dynamic environment in which all marketing activities take place. Students understand, apply, evaluate, and analyze information and situations through the marketing lens.									
COB	MGT	MBA	6355	Investments	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Covers the principles used by investors to identify and evaluate various investment alternatives in forming investment portfolios. The topics include sources of investment information, relationship between investment risks and returns, portfolio theory, portfolio performance evaluation, analysis and valuation of securities (the main focus is on common stocks), and investor and market behavior.									
COB	MGT	MBA	6355	Investments	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Covers the principles used by investors to identify and evaluate various investment alternatives in forming investment portfolios. The topics include sources of investment information, relationship between investment risks and returns, portfolio theory, portfolio performance evaluation, analysis and valuation of securities (the main focus is on common stocks), and investor and market behavior.									
COB	MGT	MBA	6360	Strategic Use of Information	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Provides a broad view of MIS by integrating organizational and technical perspectives. Focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations and business in general. Intended to provide the student with an introduction to information systems, oriented toward fundamental principles and concepts rather than technical aspects of information systems.									
COB	MGT	MBA	6360	Strategic Use of Information	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Provides a broad view of MIS by integrating organizational and technical perspectives. Focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations and business in general. Intended to provide the student with an introduction to information systems, oriented toward fundamental principles and concepts rather than technical aspects of information systems.									
COB	MGT	MBA	6365	Advanced Corporate Finance	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		The course provides students with a deeper understanding of corporate finance. Specifically, we explore and discuss the following topics: capital structure, dividend policy, both long-term and short-term financing, risk management at the firm level, and some special topics. The course provides students with the skills necessary for a career in financial management. This course combines real-world examples from the Wall Street Journal and recent academic articles with the financial management strategies outlined in the text. In short, students will be able to address key company specific questions about the firm's strategy and ability to fund its operations, while at the same time managing and incorporating risk management to maximize shareholder wealth.									
COB	MGT	MBA	6365	Advanced Corporate Finance	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		The course provides students with a deeper understanding of corporate finance. Specifically, we explore and discuss the following topics: capital structure, dividend policy, both long-term and short-term financing, risk management at the firm level, and some special topics. The course provides students with the skills necessary for a career in financial management. This course combines real-world examples from the Wall Street Journal and recent academic articles with the financial management strategies outlined in the text. In short, students will be able to address key company specific questions about the firm's strategy and ability to fund its operations, while at the same time managing and incorporating risk management to maximize shareholder wealth.									
COB	MGT	MBA	6370	Operations Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Covers many of the key concepts and tools of operations management and will apply these to many of the issues faced by firms today.									
COB	MGT	MBA	6370	Operations Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Covers many of the key concepts and tools of operations management and will apply these to many of the issues faced by firms today.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6380	Strategy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Students are asked to view organizations from the perspective of the top management team. In particular, the course will address approaches to assessing the organization, analyzing its context, and setting an effective overall direction for it.									
COB	MGT	MBA	6390	Predictive Analytics	DIS	DI	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	MBA	6390	Predictive Analytics	DIS	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	MBA	6390	Predictive Analytics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	MBA	6390	Predictive Analytics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	MBA	6395	Data Management, Business Intelligence, & Analytics	DIS	DI	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		This course provides a broad overview of business intelligence and data management including database fundamentals, business intelligence approaches, data management/data governance strategies, data mining and other business/data analytics techniques. Our primary emphasis will be on the managerial perspective, focusing on how you can design, implement and leverage business intelligence systems and strategies in a management role.									
COB	MGT	MBA	6395	Data Management, Business Intelligence, & Analytics	DIS	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		This course provides a broad overview of business intelligence and data management including database fundamentals, business intelligence approaches, data management/data governance strategies, data mining and other business/data analytics techniques. Our primary emphasis will be on the managerial perspective, focusing on how you can design, implement and leverage business intelligence systems and strategies in a management role.									
COB	MGT	MBA	6395	Data Management, Business Intelligence, & Analytics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission into the On-Line MBA Program.									
		COURSE DESC:		This course provides a broad overview of business intelligence and data management including database fundamentals, business intelligence approaches, data management/data governance strategies, data mining and other business/data analytics techniques. Our primary emphasis will be on the managerial perspective, focusing on how you can design, implement and leverage business intelligence systems and strategies in a management role.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6395	Data Management, Business Intelligence, & Analytics	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: This course provides a broad overview of business intelligence and data management including database fundamentals, business intelligence approaches, data management/data governance strategies, data mining and other business/data analytics techniques. Our primary emphasis will be on the managerial perspective, focusing on how you can design, implement and leverage business intelligence systems and strategies in a management role.									
COB	MGT	MBA	6400	Sales Leadership	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: The course gives students a complete picture of the scientific principles and issues revolving around the management of a field sales force regionally and internationally. Accordingly, the course deals with discussing the sales function and its relationship with a firm's marketing program, crafting a sales strategy, and setting sales objectives. It also focuses on performing important decisions such as recruiting, hiring, training, compensating salespeople, and implementing a sales program. Cases based on real-world situations and a sales management simulation are employed so that students practice applying tools and frameworks in their own decision-making processes.									
COB	MGT	MBA	6420	Programming for Analytics	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: In this course, students learn programming concepts that are used within business analytics and the fundamentals of programming as an essential skill set needed to implement solutions that are commonly used in business practices. Common scenarios covered include the automation of processing datasets, applying methods, and combining techniques for creating solutions to solve business problems.									
COB	MGT	MBA	6425	Leadership and Change Management	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: Addresses topics related to effective leadership with respect to organizational change processes. The goal of the course is to provide students with a constructive and reflective sense of the challenges posed by organizational change, as well as tools and approaches for coping with (and adapting to) the ongoing pressures that inspire the need for change.									
COB	MGT	MBA	6425	Leadership and Change Management	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: Addresses topics related to effective leadership with respect to organizational change processes. The goal of the course is to provide students with a constructive and reflective sense of the challenges posed by organizational change, as well as tools and approaches for coping with (and adapting to) the ongoing pressures that inspire the need for change.									
COB	MGT	MBA	6500	Sales Analytics	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: The course focuses on building hard/quantitative skills sales professionals need in order to make decisions both inside their firm and at the customer interface. Specifically, the course builds skills in the areas of strategic account identification/selection, calculating customer-centric metrics such as customer lifetime value (CLV), customer risk analysis, customer acquisition and retention metrics, sales forecasting and opportunity management, performance analysis, sales resource allocation, and analyzing and evaluating sales territories. Students use datasets and software to make decisions about important problems sales professionals face in their work. Cases based on real-world situations are also employed so that students practice the application of theoretical knowledge.									
COB	MGT	MBA	6525	Ethics in the Global Environment	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: Provides students with an introduction to key concepts related to business ethics, placing a special emphasis on issues that arise in the global environment. Important decision-making frameworks are introduced, and the strengths and weaknesses of these frameworks are discussed. Cases based on real-world situations are employed so that students can practice applying ethical frameworks in their own decision-making processes.									
COB	MGT	MBA	6525	Ethics in the Global Environment	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: Provides students with an introduction to key concepts related to business ethics, placing a special emphasis on issues that arise in the global environment. Important decision-making frameworks are introduced, and the strengths and weaknesses of these frameworks are discussed. Cases based on real-world situations are employed so that students can practice applying ethical frameworks in their own decision-making processes.									
COB	MGT	MBA	6900	Special Topics in Business	LEC	EL	1 to 3	12		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Special topics or projects.									
COB	MGT	MBA	6900	Special Topics in Business	LEC	LE	1 to 3	12		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Special topics or projects.									

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COB	MGT	MBA	6910	MBA Core IV	INT	IN	6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6130									
		COURSE DESC:		Modular content of business-related subjects. Consists of 6 cr hrs of international business, including a study abroad experience. Units may be substituted or added from other 600-level business courses based on current business environment.									
COB	MGT	MBA	6910	MBA Core IV	LEC	LE	6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6130									
		COURSE DESC:		Modular content of business-related subjects. Consists of 6 cr hrs of international business, including a study abroad experience. Units may be substituted or added from other 600-level business courses based on current business environment.									
COB	MGT	MBA	6911	Internship	INT	IN	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Internship									
COB	MGT	MBA	6912	Applied Business Experience	FLD	FE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Students will apply their course material from the MBA program to a consulting or simulated business experience. Students will define a business problem to address, assess the organization and its context, and suggest solutions and an action plan for implementing the solution.									
COB	MGT	MBA	6920	MBA Experiential Learning	LEC	LE	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Applied learning experience in which students consult with various real organizations. Students set appropriate project scope, identify business problems to address, analyze the organization's current situation and context, and recommend solutions.									
COB	MGT	MBA	6920	MBA Experiential Learning	PRA	PR	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Applied learning experience in which students consult with various real organizations. Students set appropriate project scope, identify business problems to address, analyze the organization's current situation and context, and recommend solutions.									
COB	MGT	MBA	6930	Graduate Readings Course	IND	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Special readings completed under guidance of a faculty member.									
COB	MGT	MBA	6930	Graduate Readings Course	IND	IS	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Special readings completed under guidance of a faculty member.									
COB	MGT	MBA	6931	Independent Study	IND	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Special project(s) pursued independently by the student.									
COB	MGT	MBA	6931	Independent Study	IND	IS	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program									
		COURSE DESC:		Special project(s) pursued independently by the student.									
COB	MGT	MGT	1400	Copeland Scholars: Leadership Development	SEM	SE	1 to 2	4		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Academic component of the Copeland Scholars program. Students competitively selected to receive the Copeland Scholarship will participate in a series of professional development activities, mentoring, and directed readings and discussions during the first year of studies at Ohio University.									
COB	MGT	MGT	1900	Special Topics in Management & Strategic Leadership	SEM	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Freshman level seminar or workshop in special topics of Management & Strategic Leadership.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	1900	Special Topics in Management & Strategic Leadership	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Freshman level seminar or workshop in special topics of Management & Strategic Leadership.									
COB	MGT	MGT	2000	Introduction to Management	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except major code BS8123 and (Soph or Jr or Sr) and WARNING: no credit if taken after MGT 2100									
		COURSE DESC:		Understanding of and practice in solving problems facing managers and administrators using concepts and principles from behavioral sciences and other applicable disciplines.									
COB	MGT	MGT	2100	Introduction to Management and Organization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB and (ENG 1510 or 1610)									
		COURSE DESC:		Objective is to expose students to the basics of management in organizations. After completion, students should have a basic understanding of the structure, processes and behaviors that underlie the practice of management. The goal is to introduce students to the fundamental concepts and theories of management as they are applied in organizational life. Students will examine the roles and responsibilities of managers and the skills and competencies necessary for managerial success. Students will develop an understanding of the vocabulary of management as it is used in contemporary workplaces.									
COB	MGT	MGT	2590	Strategic Leadership Onboarding	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WARNING: no credit for this course if taken after the following: MGT 4590									
		COURSE DESC:		PR This course enables students to prepare themselves to become leaders and to embark on a path of personal leadership development within the context of strategic organizational objectives. This class exposes students to leadership learning through research, reading, discussion, reflection and experience.									
COB	MGT	MGT	2590	Strategic Leadership Onboarding	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WARNING: no credit for this course if taken after the following: MGT 4590									
		COURSE DESC:		PR This course enables students to prepare themselves to become leaders and to embark on a path of personal leadership development within the context of strategic organizational objectives. This class exposes students to leadership learning through research, reading, discussion, reflection and experience.									
COB	MGT	MGT	2640	Managing Intercultural Effectiveness in Organizations	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course provides a comprehensive foundation for understanding and successfully interacting in today's multi-faceted, cross-cultural organizations. Attention will be given to individual, team, and organizational dynamics, providing students with a skill set of competencies designed for intercultural effectiveness in a globalized workforce and for enhanced career success.									
COB	MGT	MGT	2640	Managing Intercultural Effectiveness in Organizations	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course provides a comprehensive foundation for understanding and successfully interacting in today's multi-faceted, cross-cultural organizations. Attention will be given to individual, team, and organizational dynamics, providing students with a skill set of competencies designed for intercultural effectiveness in a globalized workforce and for enhanced career success.									
COB	MGT	MGT	2900	Special Topics in Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	MGT	2900	Special Topics in Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	MGT	2910	Internship	INT	IN	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		PR, F Internship experience that provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									
COB	MGT	MGT	3000	Principles of Operations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS8123 and WARNING: No credit for this course if taken after MGT 3200									
		COURSE DESC:		Not open to Fr., Soph., or BBA Students. Examines how operations management provides a product or service with higher quality and at a lower cost than competition. Emphasis is on providing a conceptual understanding of the operations function, which includes: product/process design, facility location and layout, capacity planning, material and inventory management.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	3050	Applied Management and Supervision	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB major									
		COURSE DESC:		Application of management techniques to first line supervision and mid-level managerial roles. Topics include managerial planning, organizing and delegating work, leading, decision-making, motivating and evaluating performance, and human resources management.									
COB	MGT	MGT	3050	Applied Management and Supervision	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB major									
		COURSE DESC:		Application of management techniques to first line supervision and mid-level managerial roles. Topics include managerial planning, organizing and delegating work, leading, decision-making, motivating and evaluating performance, and human resources management.									
COB	MGT	MGT	3100J	The Social, Legal, and Ethical Responsibilities of Business	LEC	EL	3	0	1J	N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHIL 1300 and (MGT 2000 or 2100) and (Jr or Sr)									
		COURSE DESC:		Considers the role of organizations in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.									
COB	MGT	MGT	3100J	The Social, Legal, and Ethical Responsibilities of Business	LEC	LE	3	0	1J	N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHIL 1300 and (MGT 2000 or 2100) and (Jr or Sr)									
		COURSE DESC:		Considers the role of organizations in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.									
COB	MGT	MGT	3200	Operations Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (QBA 1720 or 2010 or MATH 2500) and COB. No credit for MGT 3000 if taken after MGT 3200									
		COURSE DESC:		More than any other function, operations provides an organization with the capability to compete successfully in the global marketplace. With proper operations management, the firm can provide a product or service of higher quality in less time and at less cost than the competition. Emphasis on conceptual understanding of the operations function and includes the following topics: product/process selection and design, facility location and layout, capacity, material and inventory management, quality, etc.									
COB	MGT	MGT	3250	Project Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Often we are involved with developing a new system, a new product, planning an event, or participating in an undertaking where we cannot simply repeat things we have done in our past experience. These are "one-offs" or Projects. Projects are major undertakings that have a defined life time (i.e. limited duration) and a specific outcome. As such, they require a unique approach to management and administration. It is important to understand and appreciate the techniques and concepts used for successful project management. This course covers some of the basic issues related to, and tools used for, managing projects, and provides an opportunity for students to learn application of the tools and concepts of project management.									
COB	MGT	MGT	3300	Human Resource Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 2000 or 2100									
		COURSE DESC:		Survey of human resource management practices in areas of human resource planning, recruitment, selection, training and development, performance appraisal, compensation, discipline, safety audits, and personnel research. Includes applications in employment law and discussion of interface of line and staff responsibilities in organization.									
COB	MGT	MGT	3400	Organizational Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the behavior of individuals and groups in organizations. Focus on high performance and satisfaction in the modern workplace, and in context of cultural diversity, globalization, ethical behavior, and social responsibility. Designed to enhance career readiness in management and team leadership.									
COB	MGT	MGT	3410	Managing High Performance Teams	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 2000 or 2100									
		COURSE DESC:		Teams are increasingly used in business to tackle more challenging issues that require a diverse set of skills. Strong teams require capable leadership, attention to process, innovative ideas, excellent communication, and an appreciation for different skills and work styles. While much is known about what makes some teams more successful than others, few people are trained in how to effectively create, build, and manage teams. This course focuses on learning and best practices in team formation, working on a team, and leading teams. Throughout the course students use readings, discussion, cases, action learning exercises, and team projects as a platform to dissect common team issues, and the strategies and tactics to overcome these challenges.									
COB	MGT	MGT	3435	Leadership in Practice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 2590									
		COURSE DESC:		This course enables students to further develop the perspective, skills, and techniques to put strategic leadership into practice. It draws on the broad concepts of strategic leadership of knowing business or industry from multiple perspectives; demonstrating agility or cognitive flexibility to set and achieve goals; mobilizing leadership of self and others through collaboration, communication, and teamwork; and executing analysis to competitively drive results to create a viable future. We achieve these aims through research, reading, discussion, reflection, and experiential learning that culminates in a simulation. Learning will occur through lectures, readings, case studies, video cases, self-assessments, and deep experiential learning culminating in a full-day strategic leadership simulation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	3450	Entrepreneurial Leadership	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Students will be exposed to the concepts and theories about leadership at the individual level and will have an opportunity to build and enhance their leadership skills.									
COB	MGT	MGT	3450	Entrepreneurial Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Students will be exposed to the concepts and theories about leadership at the individual level and will have an opportunity to build and enhance their leadership skills.									
COB	MGT	MGT	3500	Theories of Organizational Effectiveness	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Macro-organizational view emphasizing organizational theory. Concentrates on interaction among organization, its environment and its members, and the importance of fit among organizational strategies, structures, and culture.									
COB	MGT	MGT	3550	Creativity and Innovation Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Examination of the role of creativity and innovation in business with a particular focus on the management of the innovation process. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.									
COB	MGT	MGT	3550	Creativity and Innovation Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Examination of the role of creativity and innovation in business with a particular focus on the management of the innovation process. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.									
COB	MGT	MGT	3600	Introduction to International Business	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COB or IB Certificate and (SOPH or JR or SR)									
				An introductory course to the study of the special terms, concepts, and institutions associated with the environment in which multinational companies emerge, the nature and scope of their operations, and their economic, political and social impact.									
COB	MGT	MGT	3650	International Market Assessment and Entry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COB or IB Certificate and (JR or SR)									
				Examination of concepts, frameworks and tools for assessing international market opportunities and for selecting and implementing appropriate means of international market entry.									
COB	MGT	MGT	3700	Introduction to Entrepreneurship	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Not COB except BS 8123									
				Introduction to the opportunities and challenges of creating and managing a new venture. Emphasis is on how to manage a new venture and operate it profitably.									
				Because of its comprehensive focus, the course will cover topics studied in several business classes including management, marketing, and finance. Topics examined will include conducting internal company and external environmental analyses, developing effective marketing and cash flow strategies, securing financing, and managing new venture operations. Additional topics will include international business and franchising opportunities, family business issues, innovation, corporate entrepreneurship, and ethical decision-making.									
COB	MGT	MGT	3710	Business Plan Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Provides students with an understanding of the elements and uses of a business plan. Students will build a business plan from the concept stage through a final document that could be presented to financial investors, venture capitalists or loan sources in starting up a new venture.									
COB	MGT	MGT	3710	Business Plan Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Provides students with an understanding of the elements and uses of a business plan. Students will build a business plan from the concept stage through a final document that could be presented to financial investors, venture capitalists or loan sources in starting up a new venture.									
COB	MGT	MGT	3720	Technology Commercialization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Develop a student's ability to find, evaluate, and develop raw technical ideas into commercially viable product concepts, and build those into business propositions.									
COB	MGT	MGT	3730	Entrepreneurial Business Consulting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (MGT 3550 AND MGT 3700) or (MGT 3740 and ACCT 3770)									
				During this applied learning experience, students are assigned to work as consultants with a real business. They will conduct background research, analyze the client's current situation and context, and make recommendations on how to address a defined business problem. It is intended to enhance students' analytical skills while giving them the opportunity to apply business and other academic concepts to a real-world situation. Also addressed are general business skills, such as report writing, presentation, client interaction skills, and team management skills.									
COB	MGT	MGT	3730	Entrepreneurial Business Consulting	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (MGT 3550 AND MGT 3700) or (MGT 3740 and ACCT 3770)									
				During this applied learning experience, students are assigned to work as consultants with a real business. They will conduct background research, analyze the client's current situation and context, and make recommendations on how to address a defined business problem. It is intended to enhance students' analytical skills while giving them the opportunity to apply business and other academic concepts to a real-world situation. Also addressed are general business skills, such as report writing, presentation, client interaction skills, and team management skills.									

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COURSE LISTING
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COB	MGT	MGT	3735	Entrepreneurship in Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Students will work in the Bobcat Hatchery in an action-based learning environment to create and implement innovative entrepreneurial solutions to real problems, by working towards creation of either start-ups or social ventures.	LEC	LE	3	6		N	U30		75
COB	MGT	MGT	3740	Ideation and Business Models ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course is for entrepreneurs building the courage to create, and risk making mistakes in their quests for true innovations in products, services or processes. You will solve problems in uncertain and dynamic environments. Creativity is the central focus, which might be defined as applying your mental ability and curiosity to discover something new, the act of relating previously unrelated things. More specifically, we focus on capitalist creativity. This means that we must apply a Business Model framework to your creativity. We demand that your solutions be profitable (have a potential to be profitable) and reflect bottom-line practicality. More importantly they must create value. We provide challenging places to fully engage your brain to discover patterns to produce breakthrough ideas that solve business problems.	LEC	LE	3	0		N	U30		40
COB	MGT	MGT	3780	Lean StartUp Accelerator ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides real world, hands-on learning on the process of actually starting a company, applying the Lean StartUp methodology. Our goal, within the constraints of a classroom and the time available is to create an entrepreneurial experience with all of the pressures of an early stage start-up. The class is designed to give you the experience of how to work as a team and turn an idea into a company. You will talk to customers, partners and competitors as you encounter the uncertainty of the start-up process. You will practice evidence-based entrepreneurship as you learn how to use a business model to brainstorm each part of a company and customer development to get out of the classroom to see whether anyone other than you would want/use your product or service. Finally, based on the customer and market feedback you have gathered, you will use agile development to rapidly iterate your product or concept to build/design something customers would actually buy and use. Completion of this course is necessary for teams who wish to compete for admission to Ohio University's Innovation Engine Accelerator mentoring program, grant and investment funding opportunities via TechGROWTH Ohio and admission to other mentoring and funding opportunities designed to help start ventures at Ohio University.	SEM	SE	3	0		N	U30		0
COB	MGT	MGT	3910	Internship ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.	INT	IN	1 to 4	0		I	U30		0
COB	MGT	MGT	4300	Managing Employee Relations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of discretionary and mandatory employee relations issues such as discipline procedures, individual employment contracts, union contract administration, and alternative dispute resolution. Topics also include employee safety and health issues, and compliance with health and safety regulations.	LEC	LE	3	0		N	U30		0
COB	MGT	MGT	4370	Strategic Talent Management ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course examines the latest theories, concepts and applications for building a talent mindset, culture and process for assessment, development and engagement of human capital. Students will have the opportunity to view talent management from an enterprise or CEO perspective, thus understanding the strategic significance of talent for delivering extraordinary business results. We will investigate talent performance and potential assessment methods, leadership succession planning, engagement practices, talent analytics, diversity acquisition sciences and global people systems. We will utilize historical and modern perspectives of talent management, as well as numerous theories related to talent along with real time current events.	LEC	LE	3	0		N	U30		0
COB	MGT	MGT	4420	Gender Issues in Management ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores a variety of social-psychological research on gender issues that affect work behaviors in today's rapidly changing workforce. Emphasis is placed on student activities, research of pertinent topics, readings, reports, and online discussions. This course includes significant writing and revision.	LEC	LE	3	0		N	U30		0
COB	MGT	MGT	4430	Managerial Decision Making ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Decision making and problem solving in organizations from managerial perspective.	LEC	LE	3	0		N	U30		0
COB	MGT	MGT	4560	Strategic Leadership Consulting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Overviews the management consulting process and the tools and techniques that can be used to help organizations improve performance. Draws on the broad concepts of strategic management and organizational analysis to frame problem solving and discussions. Exposes students to the fundamentals of consulting practice, including diagnosing situations, planning and executing assignments, client management, common mistakes, and ethical issues in consulting, as well as a variety of diagnostic and problem-solving methodologies.	LEC	LE	3	0		N	U30		0
COB	MGT	MGT	4580	Managing Transformations and Organizational Change ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines theories, concepts, and applications relating to change leadership in the modern workplace. Focus on internal processes of organizational transformation, change, and development. Designed to improve leadership potential through understanding change models and strategies, resistance to change and change leadership roles in the context of a dynamic, uncertain, and ever-changing external environment.	LEC	LE	3	0		N	U30		0

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COB	MGT	MGT	4590	Strategic Business Leadership	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 3400 and Sr									
				Examination of the leadership theories in the context of the strategic business challenges of increased global competition, advances in technology, and the importance of intellectual capital. The focus is on the executive ability to make strategic choices that generate superior performance within and by organizations.									
COB	MGT	MGT	4640	Cross-Cultural Leadership and Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COB or Sr only									
				Survey and analysis of similarities and differences in management systems, processes, and styles, as well as evaluation of changes and their impact across countries and regions of the world.									
COB	MGT	MGT	4650	Transnational Strategy, Organization and Leadership	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 4640 and COB and SR									
				This capstone course in international business integrates theoretical and applied managerial concepts, strategies, and organizational practices associated with complex international and multinational organizations; administration of foreign operations; differences and conflicts between domestic and international policies and practices; and integration of cultural, technological, knowledge and organizational management imperatives in complex multinational and international operations.									
COB	MGT	MGT	4700	Theories of Entrepreneurship	LEC	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ACCT 3770 and Sr only									
				A broad examination of historical, literary, and business perspectives on entrepreneurship. The entrepreneurial process is studied by examining the role of individuals, new ventures, and established organizations in the discovery, evaluation, and exploitation of economic opportunities. Emphasis is placed on tracing the evolution of entrepreneurship theories over time.									
COB	MGT	MGT	4700	Theories of Entrepreneurship	LEC	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ACCT 3770 and Sr only									
				A broad examination of historical, literary, and business perspectives on entrepreneurship. The entrepreneurial process is studied by examining the role of individuals, new ventures, and established organizations in the discovery, evaluation, and exploitation of economic opportunities. Emphasis is placed on tracing the evolution of entrepreneurship theories over time.									
COB	MGT	MGT	4800J	Business Strategy	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: FIN 2400 and MGT 2100 and MIS 2020 and MKT 2400 and (MGT 3200 or concurrent) and Sr only and WARNING: Not BA 470 J									
				Intended to be a challenging and exciting capstone course for the undergraduate business curriculum. It is first and foremost a course about "strategy" and about "managing for success". The course is centered on the theme that a company achieves sustained success if and only if its managers effectively formulate and implement an astute strategy. We will explore how and why doing a good job of strategy formulation and strategy implementation produces good business performance. The course will also integrate much of the knowledge gained in the business core curriculum, pulling together the multiple disciplines that you have taken in the core. In addition, this course will be writing intensive and will require you to submit, revise, and resubmit written work to demonstrate professional level skills.									
COB	MGT	MGT	4800J	Business Strategy	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: FIN 2400 and MGT 2100 and MIS 2020 and MKT 2400 and (MGT 3200 or concurrent) and Sr only and WARNING: Not BA 470 J									
				Intended to be a challenging and exciting capstone course for the undergraduate business curriculum. It is first and foremost a course about "strategy" and about "managing for success". The course is centered on the theme that a company achieves sustained success if and only if its managers effectively formulate and implement an astute strategy. We will explore how and why doing a good job of strategy formulation and strategy implementation produces good business performance. The course will also integrate much of the knowledge gained in the business core curriculum, pulling together the multiple disciplines that you have taken in the core. In addition, this course will be writing intensive and will require you to submit, revise, and resubmit written work to demonstrate professional level skills.									
COB	MGT	MGT	4900	Special Topics in Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	MGT	4900	Special Topics in Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	MGT	4910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
				REQUISITE: Permission required									
		COURSE DESC:		Allows students to earn credit for internship experiences that provide substantive exposure to management practices.									
COB	MGT	MGT	4930	Independent Research in Management & Leadership	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Written proposal									
		COURSE DESC:		CR, PR									
				Research in selected fields of leadership, management, and organizational behavior under direction of faculty member.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	4940H	Independent Research Departmental Honors Thesis	RSC	RS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required of director of honors studies									
		COURSE DESC:		Independent research. Course content selected by professor and student.									
COB	MGT	MGT	4950	Seminar in Management	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		Selected topics of current interest in leadership, management, organizational behavior and related areas. Students may repeat MGT 491 with different topics.									
COB	MGT	MGT	5000	Introduction to Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Understanding of and practice in solving problems facing managers and administrators using concepts and principles from behavioral sciences and other applicable disciplines.									
COB	MGT	MGT	5023	Supply Chain Risk Management & Global Supply Chain Design	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Properly addressing risks and facing possible disruptions are of primary importance to supply chain management. With the wake of high consequence disruptive events, risk identification and disruption response activities have become ever more critical. The objective of the course is to provide an overview of key supply chain risk areas, particularly with the proliferation of outsourcing, use of information technology and global logistics. Equally important is how companies are managing the preparation, mitigation and response strategies to major disruptive events. Topics covered include science of catastrophes, vulnerability and threat assessments, resources and capabilities identification/integration, basic crisis management, contingency planning, disaster recovery, and business continuity in supply chain settings.									
COB	MGT	MGT	5030	Employee Relations, Ethics & Legal Aspects of HRM	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course examines the ramifications of ethical and legal issues between employers and their employees, unions, independent contractors and customers. The focus is on the role of the manager in ensuring both ethical practice and legal compliance in all areas of managing the human resources in an organization.									
COB	MGT	MGT	5031	Talent Acquisition and Strategic Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is a deep dive into the strategic management aspects of talent acquisition, development and succession planning for organizational performance, sustainability and longevity. The course examines talent management from the enterprise or macro firm perspective and then share specific processes and tools for delivering results. Through agile teaming, complex business cases and in-class conversations with talent management scholars and executives, students investigate the essential contribution of talent for executing business strategy while ensuring individual, team and cultural alignment aspects. The course utilizes historical and modern perspectives of talent management, as well as numerous theories of human resource management and organizational behavior. For learning discovery, the course instructional design features a strong focus on team-based projects, consultative case analysis, simulations and in-class discussions to provide practical examples of effective and ineffective strategic talent management. Course content is explored from both a personal perspective and a professional business manager, or human resource professional perspective.									
COB	MGT	MGT	5060	Global Context of Business	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Business and management can no longer be defined as purely local or domestic in scope. Globalization has made an understanding of the international context a critical element in any manager's knowledge base. This course exposes students to the challenges confronting organizations as they seek to enter and operate in the multiple business environments and cultures that characterize the global economy today, and provides them with conceptual models and analytical approaches for problem solving and decision making in the global context.									
COB	MGT	MGT	5062	Global Supply Chains and Networks	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 5060 or concurrent									
		COURSE DESC:		This course allows students to identify various aspects of the global supply chain and networks that facilitate international business strategy. The Transnational strategy is explored as a foundation of this course. The horizontal and vertical linkages and ecosystems that facilitate this strategy are explored.									
COB	MGT	MGT	5070	Managing Innovation and Corporate Entrepreneurship	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on how large organizations manage innovation, technology commercialization and entrepreneurship. Key activities and processes are explored in the class, including innovation management, research and development, technology commercialization, corporate entrepreneurship, incubation, corporate venturing and corporate venture capital. The class also engages students in practical projects associated with innovation and entrepreneurship within companies.									
COB	MGT	MGT	5072	New Venture Creation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students focus on detailed planning and validation of new ventures. This class uses a business planning format to engage student teams in industrial analysis, market research, sales and marketing planning, operations and financial planning for a new venture concept. Students learn key aspects of venture planning and acquire skills in business planning, market research and investment due diligence presentations and processes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	5300	Human Resource Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 2000 or 2100 or 5000									
				Survey of human resource management practices in areas of human resource planning, recruitment, selection, training and development, performance appraisal, compensation, discipline, safety audits, and personnel research. Includes applications in employment law and discussion of interface of line and staff responsibilities in organization.									
COB	MGT	MGT	5350	Managing Employee Relations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 2000 or 2100 or 5000									
				Study of discretionary and mandatory employee relations issues such as discipline procedures, individual employment contracts, union contract administration, and alternative dispute resolution. Topics also include employee safety and health issues, and compliance with health and safety regulations.									
COB	MGT	MGT	5400	Organizational Behavior	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines the behavior of individuals and groups in organizations. Focus on high performance and satisfaction in the modern workplace, and in context of cultural diversity, globalization, ethical behavior, and social responsibility. Designed to enhance career readiness in management and team leadership.									
COB	MGT	MGT	5430	Managerial Decision Making	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 2000 or 2100 or 5000									
				Decision making and problem solving in organizations from a managerial perspective.									
COB	MGT	MGT	5550	Creativity and Innovation Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: no credit for both this course and the following: MGT 3550									
				Examination of the role of creativity and innovation in business with a particular focus on the management of the innovation process. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.									
COB	MGT	MGT	5570	Strategic Talent Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course examines the latest theories, concepts and applications for building a talent mindset, culture and process for assessment, development and engagement of human capital. Students will have the opportunity to view talent management from an enterprise or ¿CEO¿ perspective, thus understanding the strategic significance of talent for delivering extraordinary business results. We will investigate talent performance and potential assessment methods, leadership succession planning, engagement practices, talent analytics, diversity acquisition sciences and global people systems. We will utilize historical and modern perspectives of talent management, as well as numerous theories related to talent along with real time current events. A variety of case studies, simulations and in-class exercises will be used to provide practical examples of effective and ineffective talent management. Throughout the course students will be asked to explore this material from a personal perspective and encouraged to gain insights into the kind of talent leader they would like to become.									
COB	MGT	MGT	5580	Managing Transformations and Organizational Change	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: no credit for both this course and the following: MGT 4580									
				Examines theories, concepts, and applications relating to change leadership in the modern workplace. Focus on internal processes of organizational transformation, change, and development. Designed to improve leadership potential through understanding change models and strategies, resistance to change and change leadership roles in the context of a dynamic, uncertain, and ever-changing external environment.									
COB	MGT	MGT	5600	Multinational Business	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of emergence of U.S. and non-U.S. multinational corporations, scope of their operations, and impact on U.S. economy and consumer.									
COB	MGT	MGT	5720	Technology Commercialization	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				In this course students will be challenged to find, evaluate, and develop raw technical ideas into commercially viable product concepts, and build those into business propositions. Many technologies are developed in research laboratories that never make the transition to commercialization, often due to lack of business expertise by the scientists, engineers, or other technologists who develop them. The goal of this course is to bring the focus to commercializing such discoveries.									
COB	MGT	MGT	5935	Master's of Science in Management Project Proposal Development	IND	IS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: PR									
				Students develop a proposal for their capstone project in one of three formats: an Applied Project to be conducted within their current company, a Consulting Project to be conducted in another organizational setting either domestically or abroad, or a Research project.									
COB	MGT	MGT	5940	Master's of Science in Management Capstone Project	RSC	RS	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: PR									
				In this course masters candidates apply prior coursework in the Master's of Science in Management to an applied project in their employer's organization, to a consulting project for a client organization, or to a research project and present their recommendations or results in a written report and oral presentation.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	5950	Seminar	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Selected topics of current interest in management and organizational behavior.									
COB	MGT	MGT	5950	Seminar	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Selected topics of current interest in management and organizational behavior.									
COB	MGT	OPN	3150	Project Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Jr only						
		COURSE DESC:		This comprehensive and participative course will provide students with the skills, knowledge and tools needed for project success. The students will learn the essential steps in setting up project plans, scheduling work, exercising appropriate control and monitoring progress to achieve desired project goals. Through class exercises and realistic projects, students learn how the principles are put into practice. The topics covered in this session are those considered best practices in the field. Upon completion of this course, the participants return to their own major fields prepared to meet time, budget and performance objectives of their own projects.									
COB	MGT	OPN	3150	Project Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Jr only						
		COURSE DESC:		This comprehensive and participative course will provide students with the skills, knowledge and tools needed for project success. The students will learn the essential steps in setting up project plans, scheduling work, exercising appropriate control and monitoring progress to achieve desired project goals. Through class exercises and realistic projects, students learn how the principles are put into practice. The topics covered in this session are those considered best practices in the field. Upon completion of this course, the participants return to their own major fields prepared to meet time, budget and performance objectives of their own projects.									
COB	MGT	OPN	4900	Special Topics in Operations	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	OPN	4900	Special Topics in Operations	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	PRCM	3250J	Business Communication	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Tier I English and (Jr or Sr)						
		COURSE DESC:		Provides opportunities to practice and improve written and spoken communication skills, both individual and collaborative, which are appropriate for career success. Utilizes strategic managerial communication skills in analyzing business problems or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.									
COB	MGT	PRCM	3250J	Business Communication	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Tier I English and (Jr or Sr)						
		COURSE DESC:		Provides opportunities to practice and improve written and spoken communication skills, both individual and collaborative, which are appropriate for career success. Utilizes strategic managerial communication skills in analyzing business problems or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	MIS	2010	Introduction to Information Analysis and Design GEC1: A-F REQUISITE: COB and WARNING: no credit if taken after MIS 2011 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LAB	LB	3	0		N	U30		0
COB	MIS	MIS	2010	Introduction to Information Analysis and Design GEC1: A-F REQUISITE: COB and WARNING: no credit if taken after MIS 2011 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LEC	EL	3	0		N	U30		0
COB	MIS	MIS	2010	Introduction to Information Analysis and Design GEC1: A-F REQUISITE: COB and WARNING: no credit if taken after MIS 2011 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LEC	LE	3	0		N	U30		0
COB	MIS	MIS	2011	Introduction to Information Analysis and Design (Nonmajor) GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2010 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LAB	EL	3	0		N	U30		0
COB	MIS	MIS	2011	Introduction to Information Analysis and Design (Nonmajor) GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2010 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LAB	LB	3	0		N	U30		0
COB	MIS	MIS	2011	Introduction to Information Analysis and Design (Nonmajor) GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2010 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LEC	EL	3	0		N	U30		0
COB	MIS	MIS	2011	Introduction to Information Analysis and Design (Nonmajor) GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2010 COURSE DESC: Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.	LEC	LE	3	0		N	U30		0
COB	MIS	MIS	2020	Business Information Systems GEC1: A-F REQUISITE: COB and WARNING: no credit if taken after MIS 2021 COURSE DESC: Addresses issues that arise in dealing with management information as a business resource. As an introduction to the field of management information systems, topics covered deal with computer technologies, information development, and impact of information systems on business organizations at a variety of levels, from personal information systems to organization information architectures. Major attention is given to the implications of information systems for achieving competitive advantage.	LEC	LE	3	0		N	U30		0
COB	MIS	MIS	2021	Business Information Systems Nonmajor GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2020 COURSE DESC: Addresses issues that arise in dealing with management information as a business resource. As an introduction to the field of management information systems, topics covered deal with computer technologies, information development, and impact of information systems on business organizations at a variety of levels, from personal information systems to organization information architectures. Major attention is given to the implications of information systems for achieving competitive advantage.	LEC	EL	3	0		N	U30		0
COB	MIS	MIS	2021	Business Information Systems Nonmajor GEC1: A-F REQUISITE: Not COB except BS 8123 and WARNING: no credit if taken after MIS 2020 COURSE DESC: Addresses issues that arise in dealing with management information as a business resource. As an introduction to the field of management information systems, topics covered deal with computer technologies, information development, and impact of information systems on business organizations at a variety of levels, from personal information systems to organization information architectures. Major attention is given to the implications of information systems for achieving competitive advantage.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	MIS	2200	Systems Analysis and Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2010 or MIS 2011 or QBA 1720									
		COURSE DESC:		Provides an introduction to Systems Analysis and Design. Topics include analyzing the business case, requirements modeling, data and process modeling, and development strategies, with an increased focus on object modeling and project management. Students also learn about output and user interface design, data design, systems architecture and implementation, and systems operation, support and security. Students will analyze and design information systems in a structured format using a contemporary systems development methodology.									
COB	MIS	MIS	2800	Business Intelligence and Information Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2010 or MIS 2011 or QBA 1720									
		COURSE DESC:		Provides an introduction to database terminology, design, development, the querying of databases, Business Intelligence and the management of information in order to solve complex business problems. Topics include the relational model, database normalization, basic and complex database design, implementing a SQL database, basic and advanced SQL queries and subqueries, business intelligence concepts, data mart and data warehouse technologies, data mining, the use of scorecards, dashboards and reports, and dimensions, key performance indicators(KPIs), and cubes.									
COB	MIS	MIS	2900	Special Topics in Management Information Systems	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	MIS	2900	Special Topics in Management Information Systems	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	MIS	2910	Internship	INT	IN	1 to 2	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		PR, F Internship experience that provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									
COB	MIS	MIS	3200	Systems Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2200 and 2800									
		COURSE DESC:		Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.									
COB	MIS	MIS	3201	Contemporary Business Programming - Transition	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 220 and WARNING: not MIS 400									
		COURSE DESC:		Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.									
COB	MIS	MIS	3800	Enterprise Systems Implementation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2200 and 2800									
		COURSE DESC:		Provides students with a fundamental understanding of Enterprise Systems (ERP, SCM, CRM), focusing on their strategic and operational importance, implementation issues, and core functionality.									
COB	MIS	MIS	3910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA									
		COURSE DESC:		PR, F Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MIS	MIS	4200	Information System Consulting Project	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2020 and 3200									
		COURSE DESC:		Provides a refresher on system development techniques before providing students with experience working on an information system consulting/development project using live clients.									
COB	MIS	MIS	4550	Distributed Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2200 and 2800									
		COURSE DESC:		This class examines organizationwide networking problems and solutions. The focus will be on security, attack surfaces, forensics, auditing, and data handling. The advantages and disadvantages of various network designs and implementations will be explored.									
COB	MIS	MIS	4550	Distributed Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MIS 2200 and 2800									
		COURSE DESC:		This class examines organizationwide networking problems and solutions. The focus will be on security, attack surfaces, forensics, auditing, and data handling. The advantages and disadvantages of various network designs and implementations will be explored.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	MIS	4560	Collaboration Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: MIS 2200 and 2800				
		COURSE DESC:		Designed to explore the various collaboration technologies being utilized by companies of all sizes and in all industries, across the globe. These technologies are being utilized in a variety of different ways, such as: 1. to increase worker efficiency; 2. to increase the success rate of project teams; and 3. to better manage knowledge across the enterprise. Some of the key terms and technologies discussed will be the use of Social Software in Workpalce, Enterprise Portals, Enterprise Content Management, and Enterprise Search. Specifically, also provides students with the opportunity to gain knowledge and hands-on skills to design and deploy Collaborative Technologies.									
COB	MIS	MIS	4560	Collaboration Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: MIS 2200 and 2800				
		COURSE DESC:		Designed to explore the various collaboration technologies being utilized by companies of all sizes and in all industries, across the globe. These technologies are being utilized in a variety of different ways, such as: 1. to increase worker efficiency; 2. to increase the success rate of project teams; and 3. to better manage knowledge across the enterprise. Some of the key terms and technologies discussed will be the use of Social Software in Workpalce, Enterprise Portals, Enterprise Content Management, and Enterprise Search. Specifically, also provides students with the opportunity to gain knowledge and hands-on skills to design and deploy Collaborative Technologies.									
COB	MIS	MIS	4580	Advanced Business Intelligence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: MIS 2800				
		COURSE DESC:		Builds on the concepts learned in MIS 2800. There is no such thing as "big data", just "all data", Integration, manipulation, and processing of complex structured and unstructured data create barriers for businesses looking to gain insight from their data. We will work with the data modeling, processing, and computation techniques to remove these barriers. Utilizing software commonly used to process "all data," students will understand how to address the volume, velocity, and variety of data that businesses face to today.									
COB	MIS	MIS	4800	MIS Capstone	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: MIS 2020 and 3200 and 3800 and Sr only				
		COURSE DESC:		This capstone seminar is designed to accomplish three primary goals: 1) build deep business information system analysis and design skills in the context of 'The Big Three' (Enterprise Systems, Business Intelligence Systems and Collaboration Systems), 2) expand Information Systems knowledge base and understanding through intensive discussion and activities, 3) increase career readiness and networking skills.									
COB	MIS	MIS	4900	Special Topics	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: MIS 2200 and 2800				
		COURSE DESC:		CR, PR	Special topics of current interest in the management information systems area.								
COB	MIS	MIS	4910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,					REQUISITE: Permission required				
		COURSE DESC:		PR, F	Management Information Systems related internship								
COB	MIS	MIS	4920	Lab Assistant Seminar	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,					REQUISITE:				
		COURSE DESC:		PR, F	Students assist instructors with advising of students in lab classes. Assistants must receive an A in the lab class to be eligible to serve as an assistant. One hour of credit is given for three hours of assistant work.								
COB	MIS	MIS	4935	Readings in MIS	IND	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: Permission required				
		COURSE DESC:		CR, PR	Directed readings in Management Information Systems								
COB	MIS	MIS	4935	Readings in MIS	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: Permission required				
		COURSE DESC:		CR, PR	Directed readings in Management Information Systems								
COB	MIS	MIS	4940	Independent Research	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: Permission required				
		COURSE DESC:		CR, PR	Research in selected fields in management information systems under the direction of a faculty member. Student must submit a proposal and have it accepted by a faculty member before receiving permission to enroll.								
COB	MIS	MIS	4970H	Honors Thesis	TUT	TU	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: Permission required of director of honors studies				
		COURSE DESC:		CR, PR	Honors thesis work.								
COB	MIS	MIS	5900	Special Topics	LEC	EL	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,					REQUISITE: Permission required				
		COURSE DESC:		CR, PR	Special topics of current interest in the management information systems area.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	MIS	5900	Special Topics	LEC	LE	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Special topics of current interest in the management information systems area.									
COB	MIS	MIS	6900	Special Topics in MIS	LEC	EL	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Graduate seminar in current Management Information Systems topics.									
COB	MIS	MIS	6900	Special Topics in MIS	LEC	LE	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Graduate seminar in current Management Information Systems topics.									
COB	MIS	MIS	6910	Internship in MIS	INT	IN	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Internship in Management Information Systems.									
COB	MIS	MIS	6935	Readings in MIS	IND	IS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Directed readings in Management Information Systems.									
COB	MIS	MIS	6940	Independent Research	RSC	RS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Research under direction of faculty member.									
COB	MIS	QBA	1720	Introduction to Information Analysis and Descriptive Analytics	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces students to information analysis and descriptive analytics. Includes the organization of data, central tendency and dispersion, probability concepts, probability distributions, sampling distribution, estimation and hypothesis testing, simple linear regression analysis, analysis of variance, nonparametric statistical tests, and the use of Excel in statistical analysis. Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.									
COB	MIS	QBA	1720	Introduction to Information Analysis and Descriptive Analytics	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces students to information analysis and descriptive analytics. Includes the organization of data, central tendency and dispersion, probability concepts, probability distributions, sampling distribution, estimation and hypothesis testing, simple linear regression analysis, analysis of variance, nonparametric statistical tests, and the use of Excel in statistical analysis. Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.									
COB	MIS	QBA	2010	Introduction to Business Statistics	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or math placement level 2 and WARNING: no credit for both this course GEOG 2710 or GEOL 3050 or ISE 3040 or 3200 or MATH 2500 or PSY 2110									
		COURSE DESC:		An introductory course in probability and statistics. Includes the organization of data, central tendency and dispersion, probability concepts, the concept of random variables, probability distributions, sampling distribution, estimation and hypothesis testing, simple linear regression analysis, analysis of variance, nonparametric statistical tests, and the use of Excel in statistical analysis.									
COB	MIS	QBA	2720	Business Analytics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 1720 or 2010									
		COURSE DESC:		Business Analytics is the use, analysis and interpretation of data to drive decision-making. Teaches students how to apply problem-solving processes to business situations, think critically and analytically, and understand how to analyze the internal and external environments of business organizations. Upon completion students will have a better understanding of analytical methods for managing today's organizations, and how these tools can be used to assist the decision-making process in a variety of business contexts.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	QBA	2720	Business Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 1720 or 2010									
		COURSE DESC:		Business Analytics is the use, analysis and interpretation of data to drive decision-making. Teaches students how to apply problem-solving processes to business situations, think critically and analytically, and understand how to analyze the internal and external environments of business organizations. Upon completion students will have a better understanding of analytical methods for managing today's organizations, and how these tools can be used to assist the decision-making process in a variety of business contexts.									
COB	MIS	QBA	2900	Special Topics in Quantitative Business Analysis	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	QBA	2900	Special Topics in Quantitative Business Analysis	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	QBA	3720	Predictive Analytics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 2720 or 3710									
		COURSE DESC:		Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MIS	QBA	3720	Predictive Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 2720 or 3710									
		COURSE DESC:		Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MIS	QBA	4720	Prescriptive Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 2720 or 3710									
		COURSE DESC:		Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									
COB	MIS	QBA	4900	Special Topics in Quantitative Business Analysis	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	QBA	4900	Special Topics in Quantitative Business Analysis	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MIS	QBA	5720	Predictive Analytics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 2720 or 3710									
		COURSE DESC:		Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									

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COB	MIS	QBA	5720	Predictive Analytics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 2720 or 3710									
		COURSE DESC:		Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MIS	QBA	5730	Prescriptive Analytics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 5720 or concurrent									
		COURSE DESC:		Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									
COB	MIS	QBA	5730	Prescriptive Analytics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 5720 or concurrent									
		COURSE DESC:		Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	2020	Marketing Principles	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB except BS 8123 and WARNING: No credit for this course if taken after the following: MKT 2400							
		COURSE DESC:		Provides a broad understanding of marketing activities, decisions, and terms with an emphasis on the practices and problems of marketing managers and the analysis of the marketing environment.									
COB	MKT	MKT	2020	Marketing Principles	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB except BS 8123 and WARNING: No credit for this course if taken after the following: MKT 2400							
		COURSE DESC:		Provides a broad understanding of marketing activities, decisions, and terms with an emphasis on the practices and problems of marketing managers and the analysis of the marketing environment.									
COB	MKT	MKT	2400	Introduction to Marketing Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COB							
		COURSE DESC:		Provides an introductory coverage of topics in marketing. Offers an early focus on the elements of the marketing mix to assist students when they take the integrated cluster. Also includes specific assignments designed to enhance COB majors' understanding of marketing activities and strategies.									
COB	MKT	MKT	2900	Special Topics in Marketing	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MKT	MKT	2900	Special Topics in Marketing	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MKT	MKT	2971T	HTC Marketing Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		HTC tutorial in Marketing									
COB	MKT	MKT	2981T	HTC Marketing Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		HTC tutorial in Marketing									
COB	MKT	MKT	3020	Consumer Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr and Warning: No credit for this course if taken after the following: MKT 4440							
		COURSE DESC:		Provides a broad understanding of marketing principles particularly as they relate to marketing to consumers. Students will learn how to adapt the marketing mix to effectively reach consumers. Consumer research and environmental factors will also be addressed.									
COB	MKT	MKT	3580	Foundations of Professional Sales	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Combines personal selling theory with actual practice. Students learn skills needed for successful careers in sales and marketing.									
COB	MKT	MKT	3790	Marketing Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MKT 2020 or 2400) and (QBA 1720 or 2010 or MATH 2500)							
		COURSE DESC:		Provides an introduction to the field of marketing research for effective decision-making. Students will learn techniques involved in collection, tabulation, and analysis of marketing information.									
COB	MKT	MKT	3910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and 2.5 GPA							
		COURSE DESC:		PR, F Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MKT	MKT	3919	Internship	INT	IN	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and 2.5 GPA							
		COURSE DESC:		PR, F Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									

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COB	MKT	MKT	3970T	HTC Marketing Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		HTC Marketing tutorial									
COB	MKT	MKT	3980T	HTC Marketing Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		HTC Marketing Tutorial									
COB	MKT	MKT	4040	Logistics and Supply Chain Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Problems encountered by manufacturer in establishing and maintaining effective distribution system, concentrating on channel design and strategies.									
COB	MKT	MKT	4100	Sustainability Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course, students investigate the overlap between marketing and sustainability in a dynamic business landscape. Using a combination of lectures, videos, assignments, and group projects, the class examines the environmental, social, and economic principles of sustainability within a business context. Students learn to think critically and creatively to challenge assumptions and uncover bridges and barriers to successful marketing strategy. Finally, students discuss the role of personal beliefs and cultural norms in an interconnected, global economy. The goal is to develop responsible, analytical, curious businesspeople who are ready to tackle the issues of our changing planet.									
COB	MKT	MKT	4200	Services Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Reflects the increasing proportion of GNP taken up by the service sector. Industries that do not sell a physical good as their main offering to the public are examined. These could include the recreations industry, government agencies, financial institutions, and professional (legal, medical) services.									
COB	MKT	MKT	4250	Business to Business Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Introduces the field of business-to-business (B2B) marketing. Answers the questions: What is business marketing? In what markets does it occur? Topics include: Organizational buyer behavior, methods of assessing business market opportunities, and business marketing strategies.									
COB	MKT	MKT	4300	Digital Marketing and Sales Strategies	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		The course is designed to help students learn how to design and execute digital marketing strategies that will effectively reach target audiences, develop their attention, and convert them to customers.									
COB	MKT	MKT	4300	Digital Marketing and Sales Strategies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		The course is designed to help students learn how to design and execute digital marketing strategies that will effectively reach target audiences, develop their attention, and convert them to customers.									
COB	MKT	MKT	4410	International Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Focuses on understanding the major issues facing international/global marketing managers today through the application of marketing principles in the international/global business environment.									
COB	MKT	MKT	4440	Consumer Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400 and WARNING: No Credit for both this course and the following (always deduct credit for the first course taken): MKT 3020									
		COURSE DESC:		illustrates the practical importance of understanding consumers' knowledge and attitudes, incorporating various approaches for assessing such knowledge and attitudes. Identifies major factors that influence how consumers process and learn marketing information and considers various techniques marketers can use to influence consumer attitudes and behavior.									
COB	MKT	MKT	4500	Management of Promotion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Integrates communication theory, concepts and research with in-depth treatment of the following elements of the promotional mix: advertising, sales promotions, public relations, and point-of-purchase communications.									
COB	MKT	MKT	4500	Management of Promotion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Integrates communication theory, concepts and research with in-depth treatment of the following elements of the promotional mix: advertising, sales promotions, public relations, and point-of-purchase communications.									
COB	MKT	MKT	4550	Achieving Customer Satisfaction and Service Excellence	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Teaches students how companies can retain their current customers and develop long-term profitable relationships with them.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	4550	Achieving Customer Satisfaction and Service Excellence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 or 2400									
		COURSE DESC:		Teaches students how companies can retain their current customers and develop long-term profitable relationships with them.									
COB	MKT	MKT	4580	Sales Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 3580									
		COURSE DESC:		Principles and practices in planning, organizing, and controlling sales force. Selection, training, compensating, supervising, and stimulating salespeople. Analysis of sales potentials and costs.									
COB	MKT	MKT	4630	Marketing Strategy	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 Hours in MKT									
		COURSE DESC:		Capstone course focuses on the integration of marketing knowledge accumulated as a marketing major. Includes situation analysis and development of strategic marketing plans. Consideration is given to the complex dynamic environment in which all marketing activities take place.									
COB	MKT	MKT	4630	Marketing Strategy	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 Hours in MKT									
		COURSE DESC:		Capstone course focuses on the integration of marketing knowledge accumulated as a marketing major. Includes situation analysis and development of strategic marketing plans. Consideration is given to the complex dynamic environment in which all marketing activities take place.									
COB	MKT	MKT	4680	Consultative Sales	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and MKT 3580									
		COURSE DESC:		Sales capstone course for college seniors focused on selling as a career. Students will learn how to successfully match the selling process with a decision maker's buying process.									
COB	MKT	MKT	4680	Consultative Sales	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and MKT 3580									
		COURSE DESC:		Sales capstone course for college seniors focused on selling as a career. Students will learn how to successfully match the selling process with a decision maker's buying process.									
COB	MKT	MKT	4700	Marketplace Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2400 and MIS 4580 and QBA 3720									
		COURSE DESC:		Course provides opportunities to understand the use of data and analytics tools, processes, and techniques for the purposes of generating knowledge, developing business intelligence, and improving managerial decision-making within the context of factors associated with the marketplace.									
COB	MKT	MKT	4780	Sales Strategy & Technology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 3580									
		COURSE DESC:		Explores the strategy and science of selling. Students learn how to analyze their customers' needs, how to develop their selling opportunities, what customers want today from professional salespeople and how to use sales technology.									
COB	MKT	MKT	4780	Sales Strategy & Technology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 3580									
		COURSE DESC:		Explores the strategy and science of selling. Students learn how to analyze their customers' needs, how to develop their selling opportunities, what customers want today from professional salespeople and how to use sales technology.									
COB	MKT	MKT	4880	Global Sales	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 3580									
		COURSE DESC:		This course incorporates an analysis of the sales function across national borders. The impact of strategic, economic, political, legal, and cultural factors on sales activities, factors that influence the globalization of selling, and the impact of cultural differences on global selling and buying will be discussed. Upon successful completion of this course students will develop the knowledge of global sales, including the structures of multinational markets, global business intelligence process, principles and strategies of cross-cultural sales negotiations, and customer relationship management process in a global market.									
COB	MKT	MKT	4900	Special Topics in Marketing	SEM	EL	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Selected topics of current interest in marketing area.									
COB	MKT	MKT	4900	Special Topics in Marketing	SEM	SE	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Selected topics of current interest in marketing area.									
COB	MKT	MKT	4910	Sales Internship	INT	IN	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Sales Internship									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	4919	Marketing Internship	INT	IN	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Marketing internship									
COB	MKT	MKT	4930	Independent Study	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Readings in selected fields of marketing. Topics selected by student in consultation with faculty member.									
COB	MKT	MKT	4930	Independent Study	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Readings in selected fields of marketing. Topics selected by student in consultation with faculty member.									
COB	MKT	MKT	4940	Independent Research	RSC	RS	1 to 3	15		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Research in selected fields of marketing under direction of faculty member.									
COB	MKT	MKT	5900	Special Topics in Marketing	SEM	EL	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Graduate seminar in marketing									
COB	MKT	MKT	5900	Special Topics in Marketing	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Graduate seminar in marketing									
COB	MKT	MKT	6900	Special Topics in Marketing	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Methodology, data analysis, and preparation of research findings.									
COB	MKT	MKT	6900	Special Topics in Marketing	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Methodology, data analysis, and preparation of research findings.									
COB	MKT	MKT	6910	Internship	INT	IN	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Marketing internship									
COB	MKT	MKT	6930	Independent Study	IND	EL	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Readings on topics selected in consultation with faculty member.									
COB	MKT	MKT	6930	Independent Study	IND	IS	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Readings on topics selected in consultation with faculty member.									
COB	MKT	MKT	6940	Independent Research	RSC	RS	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Research under direction of faculty member.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	1001	Inside the Business of Sports	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the growing field of sport and its industry. Students learn about the industry, what sport is, who the key organizations are, how athletes develop, and basic administrative aspects. Specific discussions around the special aspects or elements of the sport business will be highlighted and endorsed by experts (via video). The purpose of the course is introduce sport management to an audience of non-business students.									
COB	SA	SASM	1010	Introduction to Sport Management	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduction to the multiple facets of the sport industry. The knowledge gained in this course will provide a foundation for the future study of the industry.									
COB	SA	SASM	1010	Introduction to Sport Management	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduction to the multiple facets of the sport industry. The knowledge gained in this course will provide a foundation for the future study of the industry.									
COB	SA	SASM	2250	History of the Sport Industry	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in SASM 1010						
		COURSE DESC:		Examines the origin and development of the sport industry in America from the 19th century to the present.									
COB	SA	SASM	2250	History of the Sport Industry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in SASM 1010						
		COURSE DESC:		Examines the origin and development of the sport industry in America from the 19th century to the present.									
COB	SA	SASM	2900	Special Topics in Sports Administration/Sports Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	SA	SASM	2900	Special Topics in Sports Administration/Sports Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	SA	SASM	2920	Practicum in Sport Management	PRA	PR	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F Field experiences designed to place students in a professional sport management setting related to their career goals.									
COB	SA	SASM	3010	Sport Marketing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MKT 2020 and SASM 2250						
		COURSE DESC:		Introduces basic sport marketing concepts with application to amateur and professional sport organizations. Topics include promotions and public relations, sport consumer behavior, strategic marketing planning, marketing information management, and marketing communication.									
COB	SA	SASM	3010	Sport Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MKT 2020 and SASM 2250						
		COURSE DESC:		Introduces basic sport marketing concepts with application to amateur and professional sport organizations. Topics include promotions and public relations, sport consumer behavior, strategic marketing planning, marketing information management, and marketing communication.									
COB	SA	SASM	3120	Sports Governance and Ethics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SASM 2250						
		COURSE DESC:		This course focuses on governance structures in sport (e.g., professional, collegiate, youth, and Olympic), policy issues (e.g., hiring policies, eligibility issues, rules compliance), as well as sportsmanship and ethical decision-making.									
COB	SA	SASM	3220	Leadership and Sport Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BA 1000 and MGT 2100 and MKT 2400 and SASM 2250						
		COURSE DESC:		Focuses upon the leadership, legal, and governance elements of sport organizations including leadership theory, ethical decision-making, and governance processes and practices.									
COB	SA	SASM	3300	Organization & Administration of Interscholastic Athletics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		This course introduces students to the organization and management of interscholastic athletic programs. Students analyze the purpose of athletics in secondary education, review the roles and responsibilities of the interscholastic athletic administrator, and discuss the primary functions of interscholastic athletic departments.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	3500	External Relations in Sports	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 1010 and (Jr or Sr)									
				External Relations in Sports focuses on the job skills and competency areas needed by the industry's communication, media relations, community relations, and development professionals. The common threads of external relations are information management and relationship building. This class will synthesize public relations, media relations, and building brand equity in the sport context with attention to differentiating special procedures required in handling student-athlete information in intercollegiate athletics.									
COB	SA	SASM	3500	External Relations in Sports	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 1010 and (Jr or Sr)									
				External Relations in Sports focuses on the job skills and competency areas needed by the industry's communication, media relations, community relations, and development professionals. The common threads of external relations are information management and relationship building. This class will synthesize public relations, media relations, and building brand equity in the sport context with attention to differentiating special procedures required in handling student-athlete information in intercollegiate athletics.									
COB	SA	SASM	3760	Sport Facility and Event Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BA 1000 and SASM 2250									
				Applies the functions of management to the development, operations, and financing of sport facilities. Facilities examined include public and private arenas, stadiums, ballparks, and multi-use venues. Provides the foundations for event bidding and management as well as covering risk management, safety, and emergency planning in sport.									
COB	SA	SASM	3760	Sport Facility and Event Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BA 1000 and SASM 2250									
				Applies the functions of management to the development, operations, and financing of sport facilities. Facilities examined include public and private arenas, stadiums, ballparks, and multi-use venues. Provides the foundations for event bidding and management as well as covering risk management, safety, and emergency planning in sport.									
COB	SA	SASM	4000	Diversity and Sport	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 2250 and (Jr or Sr)									
				Examines the role of sport in the lives of women, minorities, people with disabilities, and gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	SASM	4000	Diversity and Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 2250 and (Jr or Sr)									
				Examines the role of sport in the lives of women, minorities, people with disabilities, and gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	SASM	4110	International Sport Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 1010 and (Jr or Sr)									
				Provides relevant theoretical and practical insights from which an undergraduate student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									
COB	SA	SASM	4110	International Sport Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 1010 and (Jr or Sr)									
				Provides relevant theoretical and practical insights from which an undergraduate student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									
COB	SA	SASM	4180	Economics of Sport	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ECON 1000 or (1030 and 1040)									
				Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	SASM	4180	Economics of Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ECON 1000 or (1030 and 1040)									
				Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	SASM	4250	Financial Issues in Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 2250									
				Examines and applies the concepts of financial resource management to the operation of programs in the sport industry. Concepts examined include forms of ownership, taxation, financial analysis, feasibility studies, revenue generation, economic impact studies, and current issues in sports finance.									
COB	SA	SASM	4300	Intercollegiate Athletics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 1010 and (Jr or Sr)									
				Focus is on critically analyzing the role of intercollegiate athletics in higher education. Particular focus and discussion centers on the prevailing contemporary issues in intercollegiate athletics including financial trends, legislation, conference alignment, reform, gender equity, graduation rates, gambling, violence, and diversity issues in coaching and management hiring.									
COB	SA	SASM	4350	Sport Promotion and Sales Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SASM 3010 and 3120									
				Provides an overview of the elements of sport promotion and sales. Content includes rationale and benefits of promotion and sales, sponsorship proposals, licensing programs, solicitation of sponsors, and an introduction to the ticket sales process.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	4350	Sport Promotion and Sales Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: SASM 3010 and 3120				
		COURSE DESC:		Provides an overview of the elements of sport promotion and sales. Content includes rationale and benefits of promotion and sales, sponsorship proposals, licensing programs, solicitation of sponsors, and an introduction to the ticket sales process.									
COB	SA	SASM	4400	Sport Ticket Sales and Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: SASM 2250 and MKT 2400 and MGT 2100 and FIN 2400 and MIS 2020 and QBA 2010				
		COURSE DESC:		Introduces students to ticket operations by studying policy development and implementation, customer service, problem solving, ticket technology, will call, seat improvements and relocations, ticket transfers, the processes of ticket, group, and sponsorship sales.									
COB	SA	SASM	4400	Sport Ticket Sales and Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: SASM 2250 and MKT 2400 and MGT 2100 and FIN 2400 and MIS 2020 and QBA 2010				
		COURSE DESC:		Introduces students to ticket operations by studying policy development and implementation, customer service, problem solving, ticket technology, will call, seat improvements and relocations, ticket transfers, the processes of ticket, group, and sponsorship sales.									
COB	SA	SASM	4450	Marketing and Revenue Streams in Sport Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: SASM 2250 and FIN 2400 and MGT 2100 MIS 2020 and MKT 2400 and QBA 2010				
		COURSE DESC:		Examines advanced sport marketing concepts with application to amateur and professional sport organizations in relation to sources of revenue and revenue management. Topics covered in the course include promotions and external relations, sport consumer behavior, strategic marketing planning and analysis, marketing information management, marketing communication strategies, and sponsorship cultivation and activation.									
COB	SA	SASM	4450	Marketing and Revenue Streams in Sport Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: SASM 2250 and FIN 2400 and MGT 2100 MIS 2020 and MKT 2400 and QBA 2010				
		COURSE DESC:		Examines advanced sport marketing concepts with application to amateur and professional sport organizations in relation to sources of revenue and revenue management. Topics covered in the course include promotions and external relations, sport consumer behavior, strategic marketing planning and analysis, marketing information management, marketing communication strategies, and sponsorship cultivation and activation.									
COB	SA	SASM	4500	Senior Seminar in Sport Management	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Sport management major and Sr only				
		COURSE DESC:		Will allow the student to apply the principles and concepts of sport management and develop and demonstrate critical planning and organizational skills required of sport managers.									
COB	SA	SASM	4500	Senior Seminar in Sport Management	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Sport management major and Sr only				
		COURSE DESC:		Will allow the student to apply the principles and concepts of sport management and develop and demonstrate critical planning and organizational skills required of sport managers.									
COB	SA	SASM	4900	Special Topics in Sports Administration/Sports Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	SA	SASM	4900	Special Topics in Sports Administration/Sports Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Specific course content will vary with offering.									
COB	SA	SASM	4910	Internship in Sport Management	INT	IN	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,					REQUISITE: Permission required and sports management major and (Jr or Sr)				
		COURSE DESC:		PR, F Internship of at least 348 hours with an approved sport-related organization.									
COB	SA	SASM	5000	Diversity and Sport	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,					REQUISITE:				
		COURSE DESC:		PR Examines the role of sport in the lives of women, minorities, people with disabilities, gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	SASM	5000	Diversity and Sport	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,					REQUISITE:				
		COURSE DESC:		PR Examines the role of sport in the lives of women, minorities, people with disabilities, gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	5110	International Sport Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides relevant theoretical and practical insights from which a student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									
COB	SA	SASM	5110	International Sport Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides relevant theoretical and practical insights from which a student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									
COB	SA	SASM	5180	Economics of Sport	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	SASM	5180	Economics of Sport	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	SASM	5900	Special Topics in Sports Administration/Sports Management	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	SASM	5900	Special Topics in Sports Administration/Sports Management	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	SASM	6001	Sport Business Seminar	LEC	EL	1	0		D	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This class will provide the basic industry-specific business concepts to students in the MSA program. It will serve as the lead-in to the various sequences in the program and provide the requisite stakeholder based knowledge for students.									
COB	SA	SASM	6001	Sport Business Seminar	LEC	LE	1	0		D	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This class will provide the basic industry-specific business concepts to students in the MSA program. It will serve as the lead-in to the various sequences in the program and provide the requisite stakeholder based knowledge for students.									
COB	SA	SASM	6002	Entrepreneurship in Sport Business Seminar	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This class provides students with the background knowledge and application experience on starting a new enterprise or building a new property within an existing business.									
COB	SA	SASM	6003	Professional Development Seminar	LEC	LE	1	0		D	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This class will prepare the students for a career in sport from a human resource and career management perspective, including skill development, materials, job hunting, and networking.									
COB	SA	SASM	6040	Administration of Interscholastic Athletic Programs	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Provides an overview of the roles and responsibilities of interscholastic athletic administrators. Participants will discuss the philosophy of interscholastic athletics and examine the technical, human, and conceptual requirements of athletic administrators.									
COB	SA	SASM	6040	Administration of Interscholastic Athletic Programs	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Provides an overview of the roles and responsibilities of interscholastic athletic administrators. Participants will discuss the philosophy of interscholastic athletics and examine the technical, human, and conceptual requirements of athletic administrators.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6100	Athletic Administration Seminar	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program		CR, PR							
		COURSE DESC:		Introduction to intercollegiate/interscholastic athletic administration. Responsibilities of athletic director, business manager, sports information director, athletic trainer, ticket manager; facility construction and management, security, crowd control; and facility utilization are presented and analyzed.									
COB	SA	SASM	6100	Athletic Administration Seminar	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program		CR, PR							
		COURSE DESC:		Introduction to intercollegiate/interscholastic athletic administration. Responsibilities of athletic director, business manager, sports information director, athletic trainer, ticket manager; facility construction and management, security, crowd control; and facility utilization are presented and analyzed.									
COB	SA	SASM	6110	Foundations of Sport Business	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA or MSA majors		CR, PR							
		COURSE DESC:		Focuses on the multi-billion dollar sports industry and the challenges faced by today's sports business leaders. The course will cover a wide range of the industry, including but not limited to, professional, Olympic and collegiate sports, and will focus on the major issues that impact each of these broad categories. The course will provide students with insight into the disciplines of management, marketing, research, finance, technology, accounting, ethics and law.									
COB	SA	SASM	6110	Foundations of Sport Business	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA or MSA majors		CR, PR							
		COURSE DESC:		Focuses on the multi-billion dollar sports industry and the challenges faced by today's sports business leaders. The course will cover a wide range of the industry, including but not limited to, professional, Olympic and collegiate sports, and will focus on the major issues that impact each of these broad categories. The course will provide students with insight into the disciplines of management, marketing, research, finance, technology, accounting, ethics and law.									
COB	SA	SASM	6120	Applied Information Technology in Sports Administration	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program and Warning: not PESS 612		CR, PR							
		COURSE DESC:		Theoretical and practical knowledge of the application of sport-specific information technology involving digital video, databases, Web design and graphic design.									
COB	SA	SASM	6120	Applied Information Technology in Sports Administration	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program and Warning: not PESS 612		CR, PR							
		COURSE DESC:		Theoretical and practical knowledge of the application of sport-specific information technology involving digital video, databases, Web design and graphic design.									
COB	SA	SASM	6260	Sport Governance and Policy Development	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program		PR							
		COURSE DESC:		Develop an understanding of the governance structure of sport organizations nationally and internationally. Focus on functions, roles, key issues, strategic planning, decision making, and policy development.									
COB	SA	SASM	6260	Sport Governance and Policy Development	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program		PR							
		COURSE DESC:		Develop an understanding of the governance structure of sport organizations nationally and internationally. Focus on functions, roles, key issues, strategic planning, decision making, and policy development.									
COB	SA	SASM	6280	Legal Foundations of Risk Management in Athletics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program		PR							
		COURSE DESC:		Will provide students with an understanding of the legal foundations of risk management as these affect operations of athletic administration. Specific attention will be given to fundamentals of risk management, negligence law, and liability law.									
COB	SA	SASM	6280	Legal Foundations of Risk Management in Athletics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program		PR							
		COURSE DESC:		Will provide students with an understanding of the legal foundations of risk management as these affect operations of athletic administration. Specific attention will be given to fundamentals of risk management, negligence law, and liability law.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6350	Ticket Operations and Sales	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	SASM	6350	Ticket Operations and Sales	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	SASM	6350	Ticket Operations and Sales	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	SASM	6410	Sport and Development	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing and student in a COB Graduate Sports Management Program									
		COURSE DESC:		The use of sports as an instrument of development in Africa and other developing countries has gained considerable popularity in the last ten years. Ex-child soldiers in Liberia, children in the slums of Nairobi, marginalized girls in deeply Islamic societies and disabled victims of polio are segments of African society where sport-in-development initiatives have been used in an attempt to empower marginalized groups and enhance general quality of life. Sports and development Non Governmental Organizations (NGOs) have come into vogue, much in the same way as the number of civic NGOs rapidly expanded in the 1990s with the push for "multipartism" on the African continent. Sport is often seen as a tool for nation or community building, and an instrument for peace around the world. While consi									
COB	SA	SASM	6410	Sport and Development	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing and student in a COB Graduate Sports Management Program									
		COURSE DESC:		The use of sports as an instrument of development in Africa and other developing countries has gained considerable popularity in the last ten years. Ex-child soldiers in Liberia, children in the slums of Nairobi, marginalized girls in deeply Islamic societies and disabled victims of polio are segments of African society where sport-in-development initiatives have been used in an attempt to empower marginalized groups and enhance general quality of life. Sports and development Non Governmental Organizations (NGOs) have come into vogue, much in the same way as the number of civic NGOs rapidly expanded in the 1990s with the push for "multipartism" on the African continent. Sport is often seen as a tool for nation or community building, and an instrument for peace around the world. While consi									
COB	SA	SASM	6420	ETHICS IN SPORT	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Focuses on moral and ethical principles in sports administration. The purpose of the course is to help sports administrators develop and articulate a personal ethical philosophy, and practice ethical decision-making and social responsibility. Topics discussed include concepts of morality, ethical theories, social responsibility of sport organizations, codes of conduct, and professional codes of ethics.									
COB	SA	SASM	6420	ETHICS IN SPORT	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Focuses on moral and ethical principles in sports administration. The purpose of the course is to help sports administrators develop and articulate a personal ethical philosophy, and practice ethical decision-making and social responsibility. Topics discussed include concepts of morality, ethical theories, social responsibility of sport organizations, codes of conduct, and professional codes of ethics.									
COB	SA	SASM	6470	Athletic Fund Raising	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Will introduce students to the concepts and application of fund-raising and development for the non-profit sector, focusing on educational and charitable organizations..									
COB	SA	SASM	6470	Athletic Fund Raising	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program									
		COURSE DESC:		Will introduce students to the concepts and application of fund-raising and development for the non-profit sector, focusing on educational and charitable organizations..									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6480	Public Assembly Facility and Event Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		Provides an examination of various aspects of managing public assembly facilities, including planning and production, booking and scheduling, contracts, promotion, ticketing, security, food and beverage, crowd management, event bidding, and event management.									
COB	SA	SASM	6480	Public Assembly Facility and Event Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		Provides an examination of various aspects of managing public assembly facilities, including planning and production, booking and scheduling, contracts, promotion, ticketing, security, food and beverage, crowd management, event bidding, and event management.									
COB	SA	SASM	6550	Sport Marketing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		Provides an introduction to the fundamental relationships that exist among sports organizations and their varied consumers. The primary focus of the course is on planning and implementing organizational strategies and programs to enhance relationships with consumers and consumer groups.									
COB	SA	SASM	6550	Sport Marketing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		Provides an introduction to the fundamental relationships that exist among sports organizations and their varied consumers. The primary focus of the course is on planning and implementing organizational strategies and programs to enhance relationships with consumers and consumer groups.									
COB	SA	SASM	6570	Sponsorship in Sports	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		An analysis of the current factors and issues related to sports sponsorship, including sponsorship planning, sales and negotiations, and sponsorship proposals and evaluations. Students will prepare a comprehensive sponsorship plan for a sports or sports-related property.									
COB	SA	SASM	6570	Sponsorship in Sports	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate student in COB Sports Management Program							
		COURSE DESC:		An analysis of the current factors and issues related to sports sponsorship, including sponsorship planning, sales and negotiations, and sponsorship proposals and evaluations. Students will prepare a comprehensive sponsorship plan for a sports or sports-related property.									
COB	SA	SASM	6580	Revenue Generation and Marketing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	MBA or MSA majors							
		COURSE DESC:		This course focuses on the strategic role that sales and marketing has in generating revenue in sports business. Sports has become a multi-billion dollar global venture and is made up of many intricate relationships among consumers, sports teams, broadcast entities, multi-national corporations and others. Escalating revenues related to television rights, sponsorship, licensing and live gate receipts for professional and amateur sports have been widely publicized and documented. Similarly, costs associated with the generation of these revenue streams have increased significantly as well (especially payroll). With so much money at stake, sponsoring corporations are becoming increasingly involved at every level of sports business, including amateur and intercollegiate. As the growth in sports business stabilizes, it may become essential that competitors find ways to either generate additional revenues or reduce related expenses. From a competitive standpoint, generating additional revenue may be achieved through strategic analysis of the franchise, its customers, and the competitive environment. Similar to many other business industries, sports marketing managers may competitively generate revenue by identifying, understanding and analyzing revenue sources in their business area. 3 lec.									
COB	SA	SASM	6580	Revenue Generation and Marketing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	MBA or MSA majors							
		COURSE DESC:		This course focuses on the strategic role that sales and marketing has in generating revenue in sports business. Sports has become a multi-billion dollar global venture and is made up of many intricate relationships among consumers, sports teams, broadcast entities, multi-national corporations and others. Escalating revenues related to television rights, sponsorship, licensing and live gate receipts for professional and amateur sports have been widely publicized and documented. Similarly, costs associated with the generation of these revenue streams have increased significantly as well (especially payroll). With so much money at stake, sponsoring corporations are becoming increasingly involved at every level of sports business, including amateur and intercollegiate. As the growth in sports business stabilizes, it may become essential that competitors find ways to either generate additional revenues or reduce related expenses. From a competitive standpoint, generating additional revenue may be achieved through strategic analysis of the franchise, its customers, and the competitive environment. Similar to many other business industries, sports marketing managers may competitively generate revenue by identifying, understanding and analyzing revenue sources in their business area. 3 lec.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6650	Governance in Intercollegiate Athletics	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Introduction to structure, dynamics, and principles of governance for intercollegiate athletics. Focuses on institutions which are members of the National Collegiate Athletic Association (NCAA). However, discussion regarding other governing bodies may be included. Primary lecture, but guest speakers, videos, and other technology are used throughout the course.									
COB	SA	SASM	6650	Governance in Intercollegiate Athletics	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Introduction to structure, dynamics, and principles of governance for intercollegiate athletics. Focuses on institutions which are members of the National Collegiate Athletic Association (NCAA). However, discussion regarding other governing bodies may be included. Primary lecture, but guest speakers, videos, and other technology are used throughout the course.									
COB	SA	SASM	6670	Human Resource Management in Sport Organizations	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA or MSA majors PR									
		COURSE DESC:		Introduces participants to managing human resources in sport organizations. Participants will address managerial functions in sport organizations, such as communication, staffing, evaluation, training and development, compensation, and motivation.									
COB	SA	SASM	6670	Human Resource Management in Sport Organizations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA or MSA majors PR									
		COURSE DESC:		Introduces participants to managing human resources in sport organizations. Participants will address managerial functions in sport organizations, such as communication, staffing, evaluation, training and development, compensation, and motivation.									
COB	SA	SASM	6700	Financial Management for Sport and Recreation Programs and Facilities	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Will introduce students to issues and problems in finance and financial management as they apply to sport and recreation organizations. The primary focus of the course will be on planning and financial management.									
COB	SA	SASM	6700	Financial Management for Sport and Recreation Programs and Facilities	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Will introduce students to issues and problems in finance and financial management as they apply to sport and recreation organizations. The primary focus of the course will be on planning and financial management.									
COB	SA	SASM	6800	Research Methods in Sports Administration	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Research and investigation in athletic administration. Topics and problems suitable for thesis writing; reviews of completed research, development of questionnaires, position papers, and evaluative instruments applicable in athletic administration.									
COB	SA	SASM	6800	Research Methods in Sports Administration	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Research and investigation in athletic administration. Topics and problems suitable for thesis writing; reviews of completed research, development of questionnaires, position papers, and evaluative instruments applicable in athletic administration.									
COB	SA	SASM	6850	Introduction to Sport Analytics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This class discusses the big data revolution and its profound influence across the sport industry and introduces sport managers and sport business professionals to how they use analytical techniques to improve their professional practice. Specifically, this course focuses on how analytics is applied to every functional area of sport business, from marketing and event management to finance and legal services. Drawing on research that spans the entire sport industry, students gain an understanding of how data is influencing the most important decisions, from ticket sales and human resources to risk management and facility operations.									
COB	SA	SASM	6880	Contemporary Issues in Sport Sciences	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program CR, PR									
		COURSE DESC:		Selected issues in sport sciences are discussed. Course involves research, reading, analysis, and written reports.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6880	Contemporary Issues in Sport Sciences	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program CR, PR									
		COURSE DESC:		Selected issues in sport sciences are discussed. Course involves research, reading, analysis, and written reports.									
COB	SA	SASM	6900	Special Topics in Sports Administration/Sports Management	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	SASM	6900	Special Topics in Sports Administration/Sports Management	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate student in COB Sports Management Program CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	SASM	6910	Internship in Sports Administration	INT	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA or MSA majors CR, PR									
		COURSE DESC:		Supervised professional work experience with an approved sports-oriented organization.									
COB	SA	SASM	6910	Internship in Sports Administration	INT	IN	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA or MSA majors CR, PR									
		COURSE DESC:		Supervised professional work experience with an approved sports-oriented organization.									
COB	SA	SASM	6920	Practicum	PRA	PR	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Supervised work experience in various aspects of administration of intercollegiate athletics and the sports business industry.									
COB	SA	SASM	6930	Guided Independent Study	IND	EL	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Selected areas of independent study resulting in a non-thesis research report.									
COB	SA	SASM	6930	Guided Independent Study	IND	IS	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Selected areas of independent study resulting in a non-thesis research report.									
COB	SA	SASM	6931	Special Problems	IND	EL	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual and group research on problems and/or issues affecting sport, with a focus on developing management-based solutions.									
COB	SA	SASM	6931	Special Problems	IND	IS	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual and group research on problems and/or issues affecting sport, with a focus on developing management-based solutions.									
COB	SA	SASM	6990	Capstone Seminar in Sports Administration	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA or MSA majors PR									
		COURSE DESC:		Requirement for the Master of Sports Administration. Designed to examine current trends and issues in the study of sports administration. The field of sports administration is in a dynamic state. New theories, practices, and processes are constantly being developed. Perspectives on these trends and issues will be analyzed by drawing on current literature and research. Students will focus on performance of the firm as an outcome of strategy in a competitive environment. The objective of this course is to synthesize knowledge gained through experience and previous graduate coursework, and develop advanced understanding of the firm's behavior in a competitive environment.									
COB	SA	SASM	6990	Capstone Seminar in Sports Administration	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA or MSA majors PR									
		COURSE DESC:		Requirement for the Master of Sports Administration. Designed to examine current trends and issues in the study of sports administration. The field of sports administration is in a dynamic state. New theories, practices, and processes are constantly being developed. Perspectives on these trends and issues will be analyzed by drawing on current literature and research. Students will focus on performance of the firm as an outcome of strategy in a competitive environment. The objective of this course is to synthesize knowledge gained through experience and previous graduate coursework, and develop advanced understanding of the firm's behavior in a competitive environment.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	1000	Using Communication Tools	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Applied Communication major									
		COURSE DESC:		Hands-on exploration of the digital learning environment, including an orientation to software tools used to create communication plans.									
COM	COM	COMM	1000	Using Communication Tools	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Applied Communication major									
		COURSE DESC:		Hands-on exploration of the digital learning environment, including an orientation to software tools used to create communication plans.									
COM	COM	COMM	1200	Understanding Virtual Reality Technology	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of technical applications and theories needed to comprehend and critically analyze virtual reality technologies, especially as they relate to the societal effects of human-computer interaction. Emphasis on health effects, social impact, and solutions for reducing adverse effects, practices, and procedures.									
COM	COM	COMM	1900	Learning Community Seminar	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Must be first-year freshman in Scripps College of Communication									
		COURSE DESC:		Seminar course associated with the Scripps College of Communication and its five schools. Topics include introduction to disciplinary norms, academic expectations of specific schools and programs, introduction to research of faculty, completion of original research project, and readings on the course theme of rapidly changing media technology and its effects.									
COM	COM	COMM	1920	Immersive Media Practicum	PRA	PR	1	3		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		In this course, students play an introductory role on faculty-led immersive media projects. Students are mentored by faculty, staff and advanced students to accomplish project-specific goals during the assigned semester.									
COM	COM	COMM	2200	Introduction to Virtual Reality Production	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 1200									
		COURSE DESC:		This survey of immersive audio, 360-degree video, motion capture and other digital imaging techniques used in the creation of virtual reality projects emphasizes equipment and software knowledge, workflow processes, team building and project management. This is a production intensive course.									
COM	COM	COMM	2900	Special Topics in Communication	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
COM	COM	COMM	2900	Special Topics in Communication	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
COM	COM	COMM	2920	Immersive Media Practicum	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COMM 1920									
		COURSE DESC:		This course teaches students to play an active role in immersive media production projects. Students play a part in a production team, and are mentored by faculty, staff and advanced students. Students in this course work with their mentor, and independently, to accomplish project-specific goals during the assigned semester.									
COM	COM	COMM	3000X	Solving Real-World Media and Communication Problems through Innovation	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces students to the concepts of incremental and disruptive innovation, and how both types of innovation have affected the media and communications industries. Working in teams, students propose an innovative solution to a provided real-world media and communications challenge. Students then create a Business Model Canvas and streamlined business plan, and project brief, which explain and support the essential elements of their solution, culminating in the production of a short visual presentation about the problem and proposed solution. Their solution is critiqued by a relevant industry professional, who provides written feedback to each student team. This course will be taught entirely online, with both asynchronous (e.g. Slack) and synchronous (e.g. Skype, or Google Hangout) components.									
COM	COM	COMM	3210	Virtual Reality Production - Sound & Image	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 2200									
		COURSE DESC:		This course explores the process of designing, pre-producing, creating, and distributing immersive audio experiences as stand-alone projects and in combination with visual assets such as digital environments and 360-degree stories.									
COM	COM	COMM	3220	Virtual Reality Production: 360-Degree Storytelling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 2200									
		COURSE DESC:		In this course, students explore the process of designing, pre-producing, creating, and distributing 360-degree virtual reality stories for both fiction and non-fiction venues.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	3230	Virtual Reality Production: Interactive ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course explores the process of designing, creating, testing and distributing interactive virtual content.	LEC	LE	3	0		N	U30		0
COM	COM	COMM	3250	Virtual Reality: Project Development ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In this course, students identify societal issues that can be addressed with immersive media technologies (virtual reality and/or augmented reality). Students develop project-based solutions to these problems and design ways to implement these projects. Special emphasis is placed on team building and client-based research. The research from this class is then utilized in COMM 4250 the following semester.	LEC	LE	3	0		N	U30		0
COM	COM	COMM	3260J	Virtual Reality Critical Analysis and Evaluation ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In this course students develop analytical skills through the written evaluation of a variety of virtual reality media products (e.g.: fiction, non-fiction and educational media products). Students explore different written formats specifically utilized within the communication field to provide a platform for students to develop their ability to analyze and evaluate emerging technologies through the written form.	LEC	LE	3	0	1J	N	U30		0
COM	COM	COMM	3900	Special Topics in Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Covers a variety of topics in communication. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in communication.	LEC	EL	3	6		N	U30		0
COM	COM	COMM	3900	Special Topics in Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Covers a variety of topics in communication. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in communication.	LEC	LE	3	6		N	U30		0
COM	COM	COMM	3920	Immersive Media Practicum ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: In this course, students play a key role on faculty-led immersive media projects. Students are mentored by faculty and staff, and will also work independently to accomplish project-specific goals during the assigned semester.	PRA	PR	1 to 3	6		N	U30		0
COM	COM	COMM	4000	Applied Communication Capstone ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This capstone allows students to apply communication strategies and create communication projects in areas related to students' professional interests. Students will synthesize and integrate concepts from multiple areas of communication.	SEM	EL	3	0	3	N	U30		0
COM	COM	COMM	4000	Applied Communication Capstone ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This capstone allows students to apply communication strategies and create communication projects in areas related to students' professional interests. Students will synthesize and integrate concepts from multiple areas of communication.	SEM	SE	3	0	3	N	U30		0
COM	COM	COMM	4023	Storytelling, Technology and Digital Media in Theme Parks ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines media design, technology, and storytelling principles that are employed in the development of theme parks. Special emphasis is placed on the integration of different forms of media into one cohesive immersive environment. Includes an off campus field experience.	LAB	LB	4	0	3	N	U30		0
COM	COM	COMM	4023	Storytelling, Technology and Digital Media in Theme Parks ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines media design, technology, and storytelling principles that are employed in the development of theme parks. Special emphasis is placed on the integration of different forms of media into one cohesive immersive environment. Includes an off campus field experience.	LEC	LE	4	0	3	N	U30		0
COM	COM	COMM	4260	Virtual Reality: Advanced Production ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In this course, students produce advanced projects in areas of immersive audio, 360-degree video, motion capture and digital imaging techniques that are used in the creation of virtual reality projects. In this course, special emphasis is placed on collaborative team projects, client work and distribution channels for virtual and augmented reality projects. This is a production intensive course.	LEC	LE	3	0		N	U30		0
COM	COM	COMM	4920	Immersive Media Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In this course, students play a leadership role in immersive media production projects. Students lead a production team, and are mentored by faculty and staff. Students in this course work independently to accomplish project-specific goals during the assigned semester.	PRA	PR	3 to 6	12		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	5000X	Immersive Media and Instructional Design	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		This course presents an overview on the potential for immersive media to transform traditional approaches to education. Specifically, the course will explore how VR,AR, digital games, and immersive media reflect effective instructional design principles, yet are underutilized in educational practice. Students will address this gap between theory and practice by building immersive learning objects that incorporate effective instructional design principles.									
COM	COM	COMM	5210	Virtual Reality Production - Sound & Image	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores the process of designing, pre-producing, creating, and distributing immersive audio experiences as stand-alone projects and in combination with visual assets such as digital environments and 360-degree stories.									
COM	COM	COMM	5220	Virtual Reality Production: 360-Degree Storytelling	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course, students explore the process of designing, pre-producing, creating, and distributing 360-degree virtual reality stories for both fiction and non-fiction venues.									
COM	COM	COMM	5230	Virtual Reality Production: Interactive	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores the process of designing, creating, testing and distributing interactive virtual content.									
COM	COM	COMM	5250	Virtual Reality: Project Development	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course, students identify societal issues that can be addressed with immersive media technologies (virtual reality and/or augmented reality). Students develop project-based solutions to these problems and design ways to implement these projects. Special emphasis is placed on team building and client-based research. The research from this class is then utilized in COMM 4250 the following semester.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	1010	Fundamentals of Human Communication	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes. Mass lecture.									
COM	COMS	COMS	1010	Fundamentals of Human Communication	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes. Mass lecture.									
COM	COMS	COMS	1020	Introduction to Undergraduate Communication Studies	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	COMS major						
		COURSE DESC:		Introduces undergraduate COMS students to their major and equips them to thrive in the program. Students will engage with full-time faculty in the school as they complete discussions and assignments related to navigating the requirements of their major and the discipline of which they are a part. This is a required course for COMS majors. Transfer students must take the course the semester they are admitted to COMS.									
COM	COMS	COMS	1020	Introduction to Undergraduate Communication Studies	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	COMS major						
		COURSE DESC:		Introduces undergraduate COMS students to their major and equips them to thrive in the program. Students will engage with full-time faculty in the school as they complete discussions and assignments related to navigating the requirements of their major and the discipline of which they are a part. This is a required course for COMS majors. Transfer students must take the course the semester they are admitted to COMS.									
COM	COMS	COMS	1030	Fundamentals of Public Speaking	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles of public speaking, practice in presenting informative and persuasive speeches with emphasis on communicative process. Use of interpretive and rhetorical methods to understand meaning, context, culture, and language in the development of speeches.									
COM	COMS	COMS	1030	Fundamentals of Public Speaking	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles of public speaking, practice in presenting informative and persuasive speeches with emphasis on communicative process. Use of interpretive and rhetorical methods to understand meaning, context, culture, and language in the development of speeches.									
COM	COMS	COMS	1100	Communication Among Cultures	LEC	LE	3	0	2CP	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose of this course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. Students in this course will understand that culture includes not only issues of nationality, ethnicity, and race, but also issues such as gender, socioeconomic status, and age. Using a number of co-cultural, cross-cultural, and intercultural examples, students will explore how communication is a key component of bridging cultural differences.									
COM	COMS	COMS	1170	Beginning Forensics	LEC	LE	1 to 3	6		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F		Students prepare for competition in oral interpretation, public speaking, and/or debate as part of the Ohio University Forensics Team. Travel to a weekend tournament at another university is required to earn credit. Number of credits depends upon number of performances prepared for competition.							
COM	COMS	COMS	2020	Communication and Persuasion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Process of communication and attitude change, survey of general theories and typical research, and analysis of contemporary persuasion problems.									
COM	COMS	COMS	2020	Communication and Persuasion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Process of communication and attitude change, survey of general theories and typical research, and analysis of contemporary persuasion problems.									
COM	COMS	COMS	2040	Principles and Techniques of Interviewing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Methods used in two-party, face-to-face oral communicative situations commonly encountered in organizational and professional environments. Intensive practice through role-playing and real-life interviews in and out of class, emphasizing skills involved in giving and getting information, persuasion, and job-employment situations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	2040	Principles and Techniques of Interviewing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Methods used in two-party, face-to-face oral communicative situations commonly encountered in organizational and professional environments. Intensive practice through role-playing and real-life interviews in and out of class, emphasizing skills involved in giving and getting information, persuasion, and job-employment situations.									
COM	COMS	COMS	2050	Techniques of Group Discussion	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of structure and dynamics of small groups, nature and functions of leadership, group participation, problem solving, and decision making; frequent participation in group discussion activities.									
COM	COMS	COMS	2060	Communication in Interpersonal Relationships	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides experience in study of communication in social interaction. Exploration of communication variables and skill development in message generation in one-to-one informal settings.									
COM	COMS	COMS	2150	Argumentative Analysis and Advocacy	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in COMS 1030									
		COURSE DESC:		Basic principles of argumentative discourse including concepts of presumption, burden of proof, rhetorical forms of reasoning, and evidence. Practice in applying these principles.									
COM	COMS	COMS	2150	Argumentative Analysis and Advocacy	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in COMS 1030									
		COURSE DESC:		Basic principles of argumentative discourse including concepts of presumption, burden of proof, rhetorical forms of reasoning, and evidence. Practice in applying these principles.									
COM	COMS	COMS	2170	Advanced Forensics	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F REQUISITE: COMS 1170									
		COURSE DESC:		Students prepare for competition in one or more individual events and/or debate as part of the Ohio University Forensics Team. Attendance at tournaments is expected.									
COM	COMS	COMS	2200	Oral Interpretation of Literature	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Techniques of oral interpretation and development of adequate intellectual and emotional responsiveness to the meanings of literature.									
COM	COMS	COMS	2350	Introduction to Communication Theory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS major and (Soph or Jr or Sr)									
		COURSE DESC:		To identify the purposes, history, and application of key social and rhetorical theories of communication through reading and discussing classic works of communication theory. To understand issues of epistemology, ontology, and axiology when discussing the goals and methods related to relevant theories.									
COM	COMS	COMS	2350	Introduction to Communication Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS major and (Soph or Jr or Sr)									
		COURSE DESC:		To identify the purposes, history, and application of key social and rhetorical theories of communication through reading and discussing classic works of communication theory. To understand issues of epistemology, ontology, and axiology when discussing the goals and methods related to relevant theories.									
COM	COMS	COMS	2400	Communication for Innovation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		In this course we explore the role communication plays in fostering innovation and creativity in organizations. This course surveys theories from both organizational communication and behavioral sciences in order to demonstrate the ways that communication and innovation are inextricably intertwined. Students analyze real-world cases that give them the knowledge and ability to recognize ways to improve innovation in the organizations in which they will work.									
COM	COMS	COMS	2500	Organization Communication for Nonmajors	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: Not BC5363 or BC5364									
		COURSE DESC:		It is through organizations that members of a society achieve their collective goals, from making laws and building bridges to the local and international trade of goods and services. Organizational communication is the study of how organizations accomplish these goals via the ongoing, mutual exchange of verbal and nonverbal messages. This course provides students with a firm grounding in organizational communication theory, while at the same time highlighting the very practical nature of this endeavor.									
COM	COMS	COMS	2900	Special Topics in Communication Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
COM	COMS	COMS	2900	Special Topics in Communication Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	2970T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		A survey of topics and research traditions in Communication Studies, with emphasis on current issues in the student's areas of interest.									
COM	COMS	COMS	2971T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		In-depth study of a topic in Communication Studies.									
COM	COMS	COMS	2980T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		In-depth study of a topic in Communication Studies.									
COM	COMS	COMS	2981T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		In-depth study of a topic in Communication Studies.									
COM	COMS	COMS	3060	Interpersonal Conflict Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Analysis of the communication dynamics involved in managing interpersonal and organizational conflicts. Examination of theory and research related to conflict management. Emphasis on case studies and role-playing conflicts in various interpersonal and group settings.									
COM	COMS	COMS	3060	Interpersonal Conflict Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Analysis of the communication dynamics involved in managing interpersonal and organizational conflicts. Examination of theory and research related to conflict management. Emphasis on case studies and role-playing conflicts in various interpersonal and group settings.									
COM	COMS	COMS	3200	Communication and New Technology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Jr or Sr) and WARNING: No credit for this course if COMS 480 was taken winter 2012									
		COURSE DESC:		Explores the ways in which communication is facilitated by new technologies. Accordingly, this course fosters theoretically informed practice. In the journey through various theories related to computer-mediated communication and new communication technology, students explore opportunities for applying those theories in both professional and personal contexts.									
COM	COMS	COMS	3200	Communication and New Technology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Jr or Sr) and WARNING: No credit for this course if COMS 480 was taken winter 2012									
		COURSE DESC:		Explores the ways in which communication is facilitated by new technologies. Accordingly, this course fosters theoretically informed practice. In the journey through various theories related to computer-mediated communication and new communication technology, students explore opportunities for applying those theories in both professional and personal contexts.									
COM	COMS	COMS	3250	Communication Technology and Organizing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (COMS 2500 or COMS major) and (Jr or Sr)									
		COURSE DESC:		This course explores the ways technology shifts traditional conceptions of organizations and organizing. Specifically, the course explores three themes: 1) Ways organizations use social media for communication with external stakeholders, 2) Ways organizations use technology to facilitate internal communication processes, and 3) Ways that technology creates and sustains new forms of organizing. Discussion and readings address the social, technical, and psychological factors related to the use and adoption of communication technologies. Students are encouraged to draw on personal experiences with organizations and explore opportunities or threats organizations may face while adjusting to the challenges posed by online technologies.									
COM	COMS	COMS	3300	Environmental Communication	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Introduces students to theories and concepts in environmental communication. Students engage in a theoretical and applied exploration of a wide range of voices (e.g., Citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) and a variety of environmental issues (e.g., climate change, water and air quality, genetic engineering and nanotechnology, mountaintop removal, logging, endangered species and extinction). Topics might include the social construction of nature; human relationships with nature through discourse, rhetoric, and communication practices; critical and cultural approaches to environmental discourse; communication about environmental issues in organizational, mass media, political, and international contexts; communication around environmental controversies; stakeholder dialogue and conflict; public understanding of environmental issues; public participation in environmental decision-making; environmental risk communication; environmental campaigns; and environmental advocacy, deliberation, and public relations. Main aim is to engender understanding of how communication constructs nature, threats to the natural environment, disputes about threats, and ways of living in the natural world.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	3300	Environmental Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Introduces students to theories and concepts in environmental communication. Students engage in a theoretical and applied exploration of a wide range of voices (e.g., Citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) and a variety of environmental issues (e.g., climate change, water and air quality, genetic engineering and nanotechnology, mountaintop removal, logging, endangered species and extinction). Topics might include the social construction of nature; human relationships with nature through discourse, rhetoric, and communication practices; critical and cultural approaches to environmental discourse; communication about environmental issues in organizational, mass media, political, and international contexts; communication around environmental controversies; stakeholder dialogue and conflict; public understanding of environmental issues; public participation in environmental decision-making; environmental risk communication; environmental campaigns; and environmental advocacy, deliberation, and public relations. Main aim is to engender understanding of how communication constructs nature, threats to the natural environment, disputes about threats, and ways of living in the natural world.									
COM	COMS	COMS	3350	Managing Risk and Crisis Communication	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS 2500 or COMS major									
		COURSE DESC:		Communication plays a central role in crisis planning, response, and resilience. The purpose of this course is to introduce students to the fundamental theories, principles, and practices surrounding crisis communication. Students examine real-life case studies on organizational crises, natural disasters, accidents, terrorism incidents, health crises, and major crises of credibility. By the end of this course, students can strategize, plan, execute, and evaluate crisis communication.									
COM	COMS	COMS	3400	Introduction to Health Communication	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr									
		COURSE DESC:		Concerned with issues in the theory and practice of health communication. Topics include provider-patient communication; organizational communication in health care delivery systems; communication in community/consumer health education; information technologies in health communication; communication in support systems for the elderly, disabled, and terminally ill; and, communication training for health care professionals.									
				Writing is integrated into this course in several ways. First, students will write regularly throughout the term. Course assignments will require that students engage with the content of the course while simultaneously attending to principles of writing. Second, we will devote class time to learning about writing via lectures, discussions, and activities. Writing topics will focus on macro, mezzo, and micro issues in writing including ideas, organization, paragraphs, sentences, and grammar. Third, students will produce several short and/or one longer piece of writing that comprises at least 10-15 pages of original writing. Fourth, students will revise and resubmit at least one writing assignment based on peer and/or instructor feedback. Fifth, as appropriate, students will provide their peers with feedback on writing assignments and will use the feedback from their peers for revisions .									
COM	COMS	COMS	3400	Introduction to Health Communication	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr									
		COURSE DESC:		Concerned with issues in the theory and practice of health communication. Topics include provider-patient communication; organizational communication in health care delivery systems; communication in community/consumer health education; information technologies in health communication; communication in support systems for the elderly, disabled, and terminally ill; and, communication training for health care professionals.									
				Writing is integrated into this course in several ways. First, students will write regularly throughout the term. Course assignments will require that students engage with the content of the course while simultaneously attending to principles of writing. Second, we will devote class time to learning about writing via lectures, discussions, and activities. Writing topics will focus on macro, mezzo, and micro issues in writing including ideas, organization, paragraphs, sentences, and grammar. Third, students will produce several short and/or one longer piece of writing that comprises at least 10-15 pages of original writing. Fourth, students will revise and resubmit at least one writing assignment based on peer and/or instructor feedback. Fifth, as appropriate, students will provide their peers with feedback on writing assignments and will use the feedback from their peers for revisions .									
COM	COMS	COMS	3410	Women and Health Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		This course focuses on the unique communication issues for women in health-related settings. Topics include the accomplishment of relational, informational, and medical goals for women health care seekers, as well as the challenges of offering and seeking social support in contemporary society.									
COM	COMS	COMS	3420	Qualitative Inquiry in Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Discussion and application of communication data collection methods such as focus group and individual interviewing, participant observation, questionnaire design, sampling procedures, and case studies.									
COM	COMS	COMS	3500	Introduction to Organizational Communication	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr									
		COURSE DESC:		Warning: no credit for this course and COMS 2500 Analysis of traditional and contemporary theories of communication in context of modern complex organizations (government, industry, education, etc.). Consideration and explication of such pertinent concepts and variables as message, channel, networks, information, information flow, communication climate, and communication audit.									
				Writing is integrated into this course in several ways. First, students will write regularly throughout the term. Course assignments will require that students engage with the content of the course while simultaneously attending to principles of writing. Second, we will devote class time to learning about writing via lectures, discussions, and activities. Writing topics will focus on macro, mezzo, and micro issues in writing including ideas, organization, paragraphs, sentences, and grammar. Third, students will produce several short and/or one longer piece of writing that comprises at least 10-15 pages of original writing. Fourth, students will revise and resubmit at least one writing assignment based on peer and/or instructor feedback. Fifth, as appropriate, students will provide their peers with feedback on writing assignments and will use the feedback from their peers for revisions .									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	3501	Advanced Organizational Communication	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS 3500									
		COURSE DESC:		This course builds upon, and extends, the conceptual foundations of organizational communication through analysis and critical examination of case studies. Students will read, discuss, and write about advances in contemporary organizational communication thought, practices, and research orientations.									
COM	COMS	COMS	3501	Advanced Organizational Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS 3500									
		COURSE DESC:		This course builds upon, and extends, the conceptual foundations of organizational communication through analysis and critical examination of case studies. Students will read, discuss, and write about advances in contemporary organizational communication thought, practices, and research orientations.									
COM	COMS	COMS	3520	Quantitative Inquiry in Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Jr or Sr) and MATH 1200 or higher and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MATH 2500 or PSY 2110 or QBA 2010 or LET 3555									
		COURSE DESC:		Provides principles and basic skills necessary to critically analyze research literature; develop basic proficiencies in structuring designs basic to descriptive and experimental studies, including data collection, analysis, and presentation techniques in communication research.									
COM	COMS	COMS	3600	Introduction to Communication in Public Advocacy	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr									
		COURSE DESC:		Introduces students to the theoretical, philosophical, and methodological influences integral to legal and political communication research. Aid in the development of students' understanding of those sources through readings, class discussions, writing assignments, examinations, and presentations. To provide a theoretical and technical vocabulary of legal and political communication research that will establish a foundation for successful advancement in the major.									
				Writing is integrated into this course in several ways. First, students will write regularly throughout the term. Course Assignments will require that students engage with the content of the course and recognize their own positions and those of others on controversial issues, while simultaneously attending to principles of writing. Second, we will devote class time to learning about substantive writing through lectures, discussions, and in-class activities. Writing assignment topics will include personal position statements, argument analysis, and argument development. Writing instruction will focus on idea generation, essay organization, use of diverse sources for support (including source citations), and ownership. Third, students will write a maximum of 15 pages of text, including three/four 2-3 page response essays and one 5-6 page research paper. Fourth, each assignment will require students to revise and resubmit their work, using peer assessment and/or instructor assessment practices, depending on the nature of the assignment.									
COM	COMS	COMS	3600	Introduction to Communication in Public Advocacy	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr									
		COURSE DESC:		Introduces students to the theoretical, philosophical, and methodological influences integral to legal and political communication research. Aid in the development of students' understanding of those sources through readings, class discussions, writing assignments, examinations, and presentations. To provide a theoretical and technical vocabulary of legal and political communication research that will establish a foundation for successful advancement in the major.									
				Writing is integrated into this course in several ways. First, students will write regularly throughout the term. Course Assignments will require that students engage with the content of the course and recognize their own positions and those of others on controversial issues, while simultaneously attending to principles of writing. Second, we will devote class time to learning about substantive writing through lectures, discussions, and in-class activities. Writing assignment topics will include personal position statements, argument analysis, and argument development. Writing instruction will focus on idea generation, essay organization, use of diverse sources for support (including source citations), and ownership. Third, students will write a maximum of 15 pages of text, including three/four 2-3 page response essays and one 5-6 page research paper. Fourth, each assignment will require students to revise and resubmit their work, using peer assessment and/or instructor assessment practices, depending on the nature of the assignment.									
COM	COMS	COMS	3601	Courtroom Rhetoric	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Famous cases and methods of communication of masters of courtroom and judicial oratory. Cases and trials including Cicero, Strafford, Charles I, Erskine, Hastings, Marshall, Webster, Darrow, Sacco-Vanzetti.									
COM	COMS	COMS	3601	Courtroom Rhetoric	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Famous cases and methods of communication of masters of courtroom and judicial oratory. Cases and trials including Cicero, Strafford, Charles I, Erskine, Hastings, Marshall, Webster, Darrow, Sacco-Vanzetti.									
COM	COMS	COMS	3602	Political Rhetoric	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Rhetorical techniques found in political discourse are examined. Topics covered include symbolic politics, the place of myth in politics, and the political elements of film, literature, and television.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	3602	Political Rhetoric	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Rhetorical techniques found in political discourse are examined. Topics covered include symbolic politics, the place of myth in politics, and the political elements of film, literature, and television.									
COM	COMS	COMS	3603	Contemporary Culture and Rhetoric	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores the relationship between rhetoric and contemporary culture. Contemporary theories of rhetoric are examined and used to study communication in contemporary cultural issues. Issues involving identity and power, in particular, will be discussed.									
COM	COMS	COMS	3603	Contemporary Culture and Rhetoric	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores the relationship between rhetoric and contemporary culture. Contemporary theories of rhetoric are examined and used to study communication in contemporary cultural issues. Issues involving identity and power, in particular, will be discussed.									
COM	COMS	COMS	3610	Advanced Argument and Debate	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in COMS 2150 and (Jr or Sr)						
		COURSE DESC:		Advanced argumentation and debate course with legal issues used as basis for arguments.									
COM	COMS	COMS	3610	Advanced Argument and Debate	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in COMS 2150 and (Jr or Sr)						
		COURSE DESC:		Advanced argumentation and debate course with legal issues used as basis for arguments.									
COM	COMS	COMS	3620	Rhetorical Inquiry and Criticism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Studies the approaches and methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts.									
COM	COMS	COMS	3620	Rhetorical Inquiry and Criticism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Studies the approaches and methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts.									
COM	COMS	COMS	3920	Practicum in Communication Education	PRA	PR	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required and (COMS 1010 or COMS major)						
		COURSE DESC:		Students will receive instruction and hands-on experience in practicing skills related to human communication pedagogy, including leading planned discussions over communication theories, facilitating hands-on activities, and providing students with feedback on their communication skills. Students enrolled in this course will learn general fundamentals of communication pedagogy by serving as undergraduate discussion leaders for COMS 1010.									
COM	COMS	COMS	3970T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	HTC						
		COURSE DESC:		In-depth study of a topic in Communication Studies.									
COM	COMS	COMS	3980T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	HTC						
		COURSE DESC:		In-depth study of a topic in Communication Studies.									
COM	COMS	COMS	4030	Advanced Presentations	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in COMS 1030 and COMS major and (Jr or Sr)						
		COURSE DESC:		This course will build on the knowledge and skills developed in COMS 1030. Students will learn how to make presentations that require extensive research, longer presentation times, and/or adaptation to diverse audiences. Particular attention will be given to developing competence with presentation technology.									
COM	COMS	COMS	4030	Advanced Presentations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in COMS 1030 and COMS major and (Jr or Sr)						
		COURSE DESC:		This course will build on the knowledge and skills developed in COMS 1030. Students will learn how to make presentations that require extensive research, longer presentation times, and/or adaptation to diverse audiences. Particular attention will be given to developing competence with presentation technology.									
COM	COMS	COMS	4050	Meeting and Conference Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in COMS 2050 and (Jr or Sr) and WARNING: not RHT 3620 or REC 3620						
		COURSE DESC:		Theoretical and methodological approaches to principles of group and conference leadership. Emphasis on leadership methods and skills as they apply to group and conference situations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4060	Advanced Interpersonal Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in COMS 2060									
				An examination of communication theories relevant to the study of interpersonal communication. Attention will be given to communication involved in initiating, developing, maintaining, repairing, and disengaging from interpersonal relationships.									
COM	COMS	COMS	4061	Communication, Dialogue, and Creativity	LEC	LE	3	0		N	U30		55
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course investigates the theoretical, existential, practical, and ethical interrelations of communication, dialogue and creativity. It examines practices and ideals of dialogue in pursuing our everyday lives as creative communicative endeavors accomplished with others. Students are encouraged to become humane communicators who use their imagination and creativity to solve problems that arise in personal, civic, professional interactions.									
COM	COMS	COMS	4070	Effective Classroom Communication for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on interpersonal communication in classroom environment, with particular emphasis on communication between students and teachers. Taught in intensive format only during summer session.									
COM	COMS	COMS	4070	Effective Classroom Communication for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on interpersonal communication in classroom environment, with particular emphasis on communication between students and teachers. Taught in intensive format only during summer session.									
COM	COMS	COMS	4071	Nonverbal Communication for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on the nonverbal behaviors used by students and teachers/trainers, and the impact of those behaviors on student/teacher relationships. Taught in intensive format only during summer session.									
COM	COMS	COMS	4071	Nonverbal Communication for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on the nonverbal behaviors used by students and teachers/trainers, and the impact of those behaviors on student/teacher relationships. Taught in intensive format only during summer session.									
COM	COMS	COMS	4072	Communication in Your Workplace: Strategies for Teachers and Administrators	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on the organizational communication variables that operate within the classroom, school, community, and state. Increases the abilities of teachers and administrators to understand and respond to the various organizational constituencies to which they are accountable. Taught in intensive format only during summer session.									
COM	COMS	COMS	4072	Communication in Your Workplace: Strategies for Teachers and Administrators	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on the organizational communication variables that operate within the classroom, school, community, and state. Increases the abilities of teachers and administrators to understand and respond to the various organizational constituencies to which they are accountable. Taught in intensive format only during summer session.									
COM	COMS	COMS	4073	Effective Listening and Small Group Communication for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on steps to more effective listening and working in small groups for teachers and trainers. Designed to familiarize teachers and trainers with the keys to active listening, the stages of group development and decline, how to manage groups, and improving their cooperation and productivity. Taught in intensive format only during summer session.									
COM	COMS	COMS	4073	Effective Listening and Small Group Communication for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Course focuses on steps to more effective listening and working in small groups for teachers and trainers. Designed to familiarize teachers and trainers with the keys to active listening, the stages of group development and decline, how to manage groups, and improving their cooperation and productivity. Taught in intensive format only during summer session.									
COM	COMS	COMS	4074	Family Communication for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course explores issues of family communication for classroom teachers and organizational trainers. The definition and nature of contemporary families are explored. Children's views of the family and peer relationships are highlighted. Conflict, stress, decision making, and problem solving are discussed. Special activities for the teacher and trainer are provided. Taught in intensive format only during summer session.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4074	Family Communication for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course explores issues of family communication for classroom teachers and organizational trainers. The definition and nature of contemporary families are explored. Children's views of the family and peer relationships are highlighted. Conflict, stress, decision making, and problem solving are discussed. Special activities for the teacher and trainer are provided. Taught in intensive format only during summer session.									
COM	COMS	COMS	4075	Instructional Communication Assessment for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Examination of test construction and grading practices, procedures, and formats. Analysis of underlying assumptions and philosophies of assessment in education. Emphasis on the alignment among objectives, testing practices, and evaluation procedures. Taught in intensive format only during summer session.									
COM	COMS	COMS	4075	Instructional Communication Assessment for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Examination of test construction and grading practices, procedures, and formats. Analysis of underlying assumptions and philosophies of assessment in education. Emphasis on the alignment among objectives, testing practices, and evaluation procedures. Taught in intensive format only during summer session.									
COM	COMS	COMS	4076	Children's Conflict and Mediation for Teachers and Trainers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course focuses on the design and implementation of peer dispute mediation programs within elementary and secondary school systems. Course content includes discussion of children's communication development and development of conflict management ability, the rationale underlying and challenges involved with implementing peer mediation programs, and approaches to training youngsters in mediation and conflict management communication skills. Taught in intensive format only during summer session.									
COM	COMS	COMS	4076	Children's Conflict and Mediation for Teachers and Trainers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course focuses on the design and implementation of peer dispute mediation programs within elementary and secondary school systems. Course content includes discussion of children's communication development and development of conflict management ability, the rationale underlying and challenges involved with implementing peer mediation programs, and approaches to training youngsters in mediation and conflict management communication skills. Taught in intensive format only during summer session.									
COM	COMS	COMS	4077	Communicating with Diverse Students	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, the class will address interactions between people from a variety of backgrounds including gender, age, religious, geographical, ethnic or racial differences. The focus will be on examining the impact of variables such as communication apprehension. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors and discuss strategies to improve understanding of, and appreciation for, differences. Taught in intensive format only during summer session.									
COM	COMS	COMS	4077	Communicating with Diverse Students	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, the class will address interactions between people from a variety of backgrounds including gender, age, religious, geographical, ethnic or racial differences. The focus will be on examining the impact of variables such as communication apprehension. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors and discuss strategies to improve understanding of, and appreciation for, differences. Taught in intensive format only during summer session.									
COM	COMS	COMS	4080	The Dark Side of Organizational Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (COMS 2500 or COMS major) and (Jr or Sr) This course provides an in-depth study of the dominant theories, principals, and practices of the dark side of communication within organizations. Students examine topics such as toxic workplace personalities, backstabbing, gossip, international turmoil, stress and burnout, and dysfunctional uses of technology at work. Students learn how to survive and thrive when faced with toxic organizational situations. Additionally, this course offers a framework for thinking about organizations that are anonymous, hidden, or intentionally disruptive to society.									
COM	COMS	COMS	4082	Communication Ethics and Leadership	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (COMS 2500 or COMS major) and (Jr or Sr) Theorizes leadership as a collaborative and communicative process with inherent ethical dimensions. Communication is integral to all aspects of leadership, so students must develop expertise in communication approaches and skills. This course examines concepts, frameworks, and theories related to skills that are integral to ethical, effective leadership. Topics include communication ethics, motivation and engagement of others, leadership emergence and development, power and influence, communicating with diverse stakeholders, and ethical approaches to leading change.									
COM	COMS	COMS	4085	Diversity and Inclusion in Organizational Life	LEC	LE	3	0		N	U30		30
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (COMS 1100 or 1100C) and (COMS 2500 or COMS Major (BC5363, BC5364)) and Jr or Sr This course theorizes diversity from a meaning-making perspective and explores the role of communication in fostering diversity and inclusion in organizational life. Difference, in this course, is conceived of broadly to include race, ethnicity, national origin, gender, sexuality, religion, disability, class, and age. Topics to be discussed include communication processes of exclusion (e.g., micro-aggressions, harassment, discrimination) and inclusive communication practices at four levels: within the organization, community, state/federal programs, and in transnational contexts.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4100	Cross-Cultural Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Analysis of processes and problems of communication as affected by national cultures; effects of differences in language, values, meaning, perception, and thought.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4110	Communicating with People with Disabilities ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Examines the implications of communication between the physically disabled and able-bodied individuals/groups. The course utilizes simulated exercises, video presentations, field trips, and outside guest lecturers to give the student reasonable exposure to the disabled community.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4200	Gender and Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: COMS 1010 or C or better in 2060 Explores variations in communicative behaviors related to biological sex and psychological gender. Examines gender communication in intrapersonal, interpersonal, small group, public, and organizational settings.	LEC	EL	3	0		N	U30		0
COM	COMS	COMS	4200	Gender and Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: COMS 1010 or C or better in 2060 Explores variations in communicative behaviors related to biological sex and psychological gender. Examines gender communication in intrapersonal, interpersonal, small group, public, and organizational settings.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4410	Communication in the Family ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: COMS 1010 or C or better in 2060 and (Jr or Sr) Examination of the communication concepts basic to understanding interaction in the family. Provides a framework for analysis of family communication. Explores communication issues that relate to family interaction, including conflict, power, intimacy, and the development of relationships. Presents a model of effective communication in the family. Consideration of verbal and nonverbal communication behaviors.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4501	Communication & Nonprofit Organizing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (COMS 2500 or COMS major) and (Jr or Sr) This course explores how membership is created, lived, and understood in non-profit organizations. We also discuss the unique communication challenges and opportunities in the non-profit sector. Possible topics include: paid vs. unpaid labor, socialization, volunteer management, interorganizational collaboration, identification, corporatization of the nonprofit, and professionalism, amongst others.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4510	Instructional Training and Development in Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: 9 hours in COMS and (Jr or Sr) Provides opportunity to design instructional training programs beginning with the needs assessment and continuing through the evaluation phase. Combination of lecture/discussion and student presentations.	LEC	EL	3	0		N	U30		0
COM	COMS	COMS	4510	Instructional Training and Development in Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: 9 hours in COMS and (Jr or Sr) Provides opportunity to design instructional training programs beginning with the needs assessment and continuing through the evaluation phase. Combination of lecture/discussion and student presentations.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4530	Communication and the Campaign ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: COMS 2020 and (Jr or Sr) Theory and practice of persuasion and management in campaign situations (political, religious, information, fund-raising, advertising, etc.). Students may participate in local, state, or national campaigns, or do an in-depth research paper.	LEC	EL	3	0		N	U30		0
COM	COMS	COMS	4530	Communication and the Campaign ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: COMS 2020 and (Jr or Sr) Theory and practice of persuasion and management in campaign situations (political, religious, information, fund-raising, advertising, etc.). Students may participate in local, state, or national campaigns, or do an in-depth research paper.	LEC	LE	3	0		N	U30		0
COM	COMS	COMS	4604	Responsibilities and Freedom of Speech in Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Ethical and rhetorical implications of constitutional guarantees on political, social, and religious speech; analysis of effects of famous legal cases on freedom of speech.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4630	Rhetoric and Electronic Media	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines meaning-making via the electronic symbol, verbal and graphic. Classes will alternate between the analysis of theories and close examination of radio, hypertext (online via the World Wide Web and stored on CD-ROM), email, word processing, and television--especially in contrast to print and speech.									
COM	COMS	COMS	4630	Rhetoric and Electronic Media	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines meaning-making via the electronic symbol, verbal and graphic. Classes will alternate between the analysis of theories and close examination of radio, hypertext (online via the World Wide Web and stored on CD-ROM), email, word processing, and television--especially in contrast to print and speech.									
COM	COMS	COMS	4800	Capstone Seminar in Communication	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in COMS 2350) and 27 hours in COMS and COMS major and Sr only									
		COURSE DESC:		This course presents a seminar treatment of current or topical interest in communication studies. The topic will vary with instructor expertise and research interests. During the seminar, students will synthesize and integrate concepts from multiple areas of communication.									
COM	COMS	COMS	4900	Topics in Communication Studies	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Course structure varies by instructor, but readings, classroom discussion, and demonstration of understanding through written work is typical.									
COM	COMS	COMS	4900	Topics in Communication Studies	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Course structure varies by instructor, but readings, classroom discussion, and demonstration of understanding through written work is typical.									
COM	COMS	COMS	4910	Communication Studies Internship	INT	IN	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and COMS major and (Jr or Sr)									
		COURSE DESC:		CR Supervised practical training and experience in selected professional environments for COMS undergraduate students. Students should consult with the Internship Coordinator (or refer to the COMS website) about the courses required before an internship can be taken for academic credit.									
COM	COMS	COMS	4911	Health Communication Internship	INT	IN	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and COMS major and (Jr or Sr)									
		COURSE DESC:		This course will provide students with a supervised, guided practical experience relevant to their Health Communication concentration.									
COM	COMS	COMS	4912	Organizational Communication Internship	INT	IN	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and COMS major and (Jr or Sr)									
		COURSE DESC:		This course will provide students with a supervised, guided practical experience relevant to their Organizational Communication concentration.									
COM	COMS	COMS	4913	Communication in Public Advocacy Internship	INT	IN	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and COMS major and (Jr or Sr)									
		COURSE DESC:		This course will provide students with a supervised, guided practical experience relevant to their Communication and Public Advocacy concentration.									
COM	COMS	COMS	4920	Practicum in Communication Studies	PRA	PR	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (COMS 3400 or 3500 or 3600) and COMS major and Sr only									
		COURSE DESC:		Students assume roles in an internal real-to-life organization and engage in a consulting or training project with an external client. Opportunity to apply theories and skills developed in major.									
COM	COMS	COMS	4930	Independent Study	IND	EL	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Content varies. Individual contract between student and instructor required. May be repeated for maximum of 9 hours; 3 may be counted for COMS Electives.									
COM	COMS	COMS	4930	Independent Study	IND	IS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Content varies. Individual contract between student and instructor required. May be repeated for maximum of 9 hours; 3 may be counted for COMS Electives.									
COM	COMS	COMS	4970T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Thesis in Communication Studies.									
COM	COMS	COMS	4980T	Communication Studies Tutorial	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Thesis in Communication Studies									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	5070	Effective Classroom Communication for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course focuses on interpersonal communication in classroom environment, with particular emphasis on communication between students and teachers. Taught in intensive format only during summer session.									
COM	COMS	COMS	5070	Effective Classroom Communication for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course focuses on interpersonal communication in classroom environment, with particular emphasis on communication between students and teachers. Taught in intensive format only during summer session.									
COM	COMS	COMS	5071	Nonverbal Communication for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Covers nonverbal behavior of teachers and trainers in the classroom. Messages communicated by the classroom environment and how the environment shapes students' learning patterns are also covered. Small group activities to develop greater sensitivity to nonverbal communication are provided. Readings. Taught in seminar format only during summer session.									
COM	COMS	COMS	5071	Nonverbal Communication for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Covers nonverbal behavior of teachers and trainers in the classroom. Messages communicated by the classroom environment and how the environment shapes students' learning patterns are also covered. Small group activities to develop greater sensitivity to nonverbal communication are provided. Readings. Taught in seminar format only during summer session.									
COM	COMS	COMS	5072	Communicating in Your Workplace: Strategies for Teachers and Administrators	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the problems of communication within an education-oriented organization. Particular emphasis on elements that help or delay the adoption of change, conflict management, and practical knowledge and skill for communicating successfully in an educational setting. Taught in seminar format only during summer session.									
COM	COMS	COMS	5072	Communicating in Your Workplace: Strategies for Teachers and Administrators	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the problems of communication within an education-oriented organization. Particular emphasis on elements that help or delay the adoption of change, conflict management, and practical knowledge and skill for communicating successfully in an educational setting. Taught in seminar format only during summer session.									
COM	COMS	COMS	5073	Effective Listening and Small Group Communication for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course focuses on steps to more effective listening and working in small groups for teachers and trainers. Designed to familiarize teachers and trainers with the keys to active listening, the stages of group development and decline, how to manage groups, and improving their cooperation and productivity. Taught in intensive format only during summer session.									
COM	COMS	COMS	5073	Effective Listening and Small Group Communication for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course focuses on steps to more effective listening and working in small groups for teachers and trainers. Designed to familiarize teachers and trainers with the keys to active listening, the stages of group development and decline, how to manage groups, and improving their cooperation and productivity. Taught in intensive format only during summer session.									
COM	COMS	COMS	5074	Family Communication for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course explores issues of family communication for classroom teachers and organizational trainers. The definitions and nature of contemporary families are explored. Childrens' views of the family and peer relationships are highlighted. Conflict, stress, decision making, and problem solving are discussed. Special activities for the teacher and trainer are provided. Taught in intensive format only during summer session.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	5074	Family Communication for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course explores issues of family communication for classroom teachers and organizational trainers. The definitions and nature of contemporary families are explored. Childrens' views of the family and peer relationships are highlighted. Conflict, stress, decision making, and problem solving are discussed. Special activities for the teacher and trainer are provided. Taught in intensive format only during summer session.									
COM	COMS	COMS	5075	Instructional Communication Assessment for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of test construction and grading practices, procedures, and formats. Analysis of underlying assumptions and philosophies of assessment in education. Emphasis on the alignment among objectives, testing practices, and evaluation procedures. Taught in intensive format only during summer session.									
COM	COMS	COMS	5075	Instructional Communication Assessment for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of test construction and grading practices, procedures, and formats. Analysis of underlying assumptions and philosophies of assessment in education. Emphasis on the alignment among objectives, testing practices, and evaluation procedures. Taught in intensive format only during summer session.									
COM	COMS	COMS	5076	Children's Conflict and Mediation for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course focuses on the design and implementation of peer dispute mediation programs within elementary and secondary school systems. Course content includes discussion of children's communication development and development of conflict management ability, the rationale underlying and challenges involved with implementing peer mediation programs, and approaches to training youngsters in mediation and conflict management communication skills. Taught in intensive format only during summer session.									
COM	COMS	COMS	5076	Children's Conflict and Mediation for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course focuses on the design and implementation of peer dispute mediation programs within elementary and secondary school systems. Course content includes discussion of children's communication development and development of conflict management ability, the rationale underlying and challenges involved with implementing peer mediation programs, and approaches to training youngsters in mediation and conflict management communication skills. Taught in intensive format only during summer session.									
COM	COMS	COMS	5077	Communicating with Diverse Students for Teachers and Trainers	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, this course will address interactions between people from a variety of backgrounds, including gender, age, religious, geographical, ethnic, or racial differences. The focus will be on examining the impact of variables such as communication. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors, and discuss strategies to improve their understanding of, and appreciation for, those differences. Taught in intensive format only during summer session.									
COM	COMS	COMS	5077	Communicating with Diverse Students for Teachers and Trainers	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, this course will address interactions between people from a variety of backgrounds, including gender, age, religious, geographical, ethnic, or racial differences. The focus will be on examining the impact of variables such as communication. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors, and discuss strategies to improve their understanding of, and appreciation for, those differences. Taught in intensive format only during summer session.									
COM	COMS	COMS	5100	Field Research Methods in Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Development of research methods such as content analysis, participant observation, Q-analysis, questionnaire design, sampling procedures, case studies, and unobtrusive measures.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	5100	Field Research Methods in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Development of research methods such as content analysis, participant observation, Q-analysis, questionnaire design, sampling procedures, case studies, and unobtrusive measures.									
COM	COMS	COMS	5200	Cross-Cultural Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of processes and problems of communication as affected by national cultures; effects of differences in languages, values, meaning, perception, and thought.									
COM	COMS	COMS	5200	Cross-Cultural Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of processes and problems of communication as affected by national cultures; effects of differences in languages, values, meaning, perception, and thought.									
COM	COMS	COMS	5300	Communication and the Campaign	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Processes of communication as applied in a campaign, defined as any organizational goal-oriented effort designed to influence behaviors of identifiable population. Emphasizes theory application in nonclassroom campaign situations (political, fund-raising, publicity, etc.).									
COM	COMS	COMS	5300	Communication and the Campaign	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Processes of communication as applied in a campaign, defined as any organizational goal-oriented effort designed to influence behaviors of identifiable population. Emphasizes theory application in nonclassroom campaign situations (political, fund-raising, publicity, etc.).									
COM	COMS	COMS	5310	Theories of Argument	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Relationship between formal logic and rhetorical systems of arguments; intensive study of fallacies and experimental findings related to study of argument.									
COM	COMS	COMS	5310	Theories of Argument	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Relationship between formal logic and rhetorical systems of arguments; intensive study of fallacies and experimental findings related to study of argument.									
COM	COMS	COMS	5320	Responsibilities and Freedom of Speech in Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Ethical and rhetorical implications of constitutional guarantees on political, social, and religious speech; analyses of significant legal cases on freedom of expression.									
COM	COMS	COMS	5320	Responsibilities and Freedom of Speech in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Ethical and rhetorical implications of constitutional guarantees on political, social, and religious speech; analyses of significant legal cases on freedom of expression.									
COM	COMS	COMS	5630	Rhetoric and Electronic Media	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course examines meaning-making via the electronic symbol, verbal and graphic. Classes will alternate between the analyses of theory and close examination of radio, hypertext (online via the World Wide Web and stored on CD-ROM), E-mail, word processing, and television--especially in contrast to print and speech.									
COM	COMS	COMS	5630	Rhetoric and Electronic Media	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course examines meaning-making via the electronic symbol, verbal and graphic. Classes will alternate between the analyses of theory and close examination of radio, hypertext (online via the World Wide Web and stored on CD-ROM), E-mail, word processing, and television--especially in contrast to print and speech.									
COM	COMS	COMS	5900	Topics in Communication Studies	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Course structure varies by instructor, but readings, classroom discussion, and demonstration of understanding through written work is typical.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	5900	Topics in Communication Studies	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Course structure varies by instructor, but readings, classroom discussion, and demonstration of understanding through written work is typical.									
COM	COMS	COMS	6000	Introduction to Graduate Study	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Definition of field of communication, methods of structuring field, and research concerns within areas of field. Examination of theory and function of research. Analysis of representative types and methods of research.									
COM	COMS	COMS	6000	Introduction to Graduate Study	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Definition of field of communication, methods of structuring field, and research concerns within areas of field. Examination of theory and function of research. Analysis of representative types and methods of research.									
COM	COMS	COMS	6010	Theories of Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of contemporary communication theory, emphasizing cross-disciplinary contributions to such theory.									
COM	COMS	COMS	6010	Theories of Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of contemporary communication theory, emphasizing cross-disciplinary contributions to such theory.									
COM	COMS	COMS	6020	Language and Symbol Systems	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Role of verbal and nonverbal signs and symbols in communication. Emphasizes human symbolizing capabilities and relationships between symbolic structures and physical reality.									
COM	COMS	COMS	6020	Language and Symbol Systems	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Role of verbal and nonverbal signs and symbols in communication. Emphasizes human symbolizing capabilities and relationships between symbolic structures and physical reality.									
COM	COMS	COMS	6100	Measurement Methodology in Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Measurement principles, instruments, and techniques in communication; problems and procedures in testing, measuring, and evaluating communicative attitudes and skills; development and availability of relevant standardized tests.									
COM	COMS	COMS	6100	Measurement Methodology in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Measurement principles, instruments, and techniques in communication; problems and procedures in testing, measuring, and evaluating communicative attitudes and skills; development and availability of relevant standardized tests.									
COM	COMS	COMS	6150	Corporate Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course will provide students with an overview of strategies for the management of communication within corporate settings. Students will gain an understanding of the relationship between theory and practice, with an emphasis on how theory serves as a framework for the evaluation of communicative strategies. The topics will vary, but could include the role of communication in creating corporate identity, handling crises and repairing images, managing intercultural communication, decision-making strategies and use of technology in managing communication.									
COM	COMS	COMS	6200	Communication in Social Conflict	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Roles of communication in conflict and conflict in communication. Communication strategies for reducing or managing conflict in social situations.									
COM	COMS	COMS	6200	Communication in Social Conflict	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Roles of communication in conflict and conflict in communication. Communication strategies for reducing or managing conflict in social situations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6209	Communicating and Organizing	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Communicating and Organizing provides a broad overview of theories and perspectives describing communication processes within organizational settings. Students taking this course will learn about classic theories describing functionalist approaches to organizing and communicating as well as contemporary theories exploring organizational communication from interpretive and critical perspectives.									
COM	COMS	COMS	6209	Communicating and Organizing	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Communicating and Organizing provides a broad overview of theories and perspectives describing communication processes within organizational settings. Students taking this course will learn about classic theories describing functionalist approaches to organizing and communicating as well as contemporary theories exploring organizational communication from interpretive and critical perspectives.									
COM	COMS	COMS	6210	Negotiation and Mediation	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores communication dynamics involved in negotiating and mediating interpersonal and organizational disputes. Examines research and ethical issues relevant to communication within the contexts of negotiation and mediation.									
COM	COMS	COMS	6210	Negotiation and Mediation	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores communication dynamics involved in negotiating and mediating interpersonal and organizational disputes. Examines research and ethical issues relevant to communication within the contexts of negotiation and mediation.									
COM	COMS	COMS	6220	Nonverbal Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of major theories and research areas in field of nonverbal communication. In-depth analysis of research in areas of student interest.									
COM	COMS	COMS	6220	Nonverbal Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of major theories and research areas in field of nonverbal communication. In-depth analysis of research in areas of student interest.									
COM	COMS	COMS	6230	Gender and Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores variations in communicative behaviors related to biological sex and psychological gender. Examines female and male communication in intrapersonal, interpersonal, small group, public, and organizational settings.									
COM	COMS	COMS	6230	Gender and Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Explores variations in communicative behaviors related to biological sex and psychological gender. Examines female and male communication in intrapersonal, interpersonal, small group, public, and organizational settings.									
COM	COMS	COMS	6240	Communication in the Family	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of the communication concepts that are basic to understanding interaction in the family. Provides a framework for analysis of family communication. Explores communication issues that relate to conflict, power, intimacy, and the development of relationships. Presents a model of effective communication in the family. Consideration of verbal and nonverbal communication behaviors.									
COM	COMS	COMS	6240	Communication in the Family	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Examination of the communication concepts that are basic to understanding interaction in the family. Provides a framework for analysis of family communication. Explores communication issues that relate to conflict, power, intimacy, and the development of relationships. Presents a model of effective communication in the family. Consideration of verbal and nonverbal communication behaviors.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6250	Seminar in Instructional Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course provides graduate students with an overview of the impact of communication in the classroom. Specifically, this course focuses on the dynamics of communication and how this influences student outcomes (e.g., learning, motivation) as well as instructor outcomes (e.g., efficacy, job satisfaction).									
COM	COMS	COMS	6250	Seminar in Instructional Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course provides graduate students with an overview of the impact of communication in the classroom. Specifically, this course focuses on the dynamics of communication and how this influences student outcomes (e.g., learning, motivation) as well as instructor outcomes (e.g., efficacy, job satisfaction).									
COM	COMS	COMS	6260	Communication Audits in Organizations	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination and discussion of literature covering methods of assessing communication in organizations. Designed to give students practical skill development through actual assessment, data analysis and interpretation, and client report preparation.									
COM	COMS	COMS	6260	Communication Audits in Organizations	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination and discussion of literature covering methods of assessing communication in organizations. Designed to give students practical skill development through actual assessment, data analysis and interpretation, and client report preparation.									
COM	COMS	COMS	6270	Instructional Training and Development in Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Includes philosophies of organizational development; theories of instructional design, emphasizing stages of planning implementation, and evaluation; and communication training skills, including needs assessment and evaluation, writing objectives, application of communication content, and selection of instructional modes and resources--all investigated within business, professional, and governmental organizational contexts.									
COM	COMS	COMS	6270	Instructional Training and Development in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Includes philosophies of organizational development; theories of instructional design, emphasizing stages of planning implementation, and evaluation; and communication training skills, including needs assessment and evaluation, writing objectives, application of communication content, and selection of instructional modes and resources--all investigated within business, professional, and governmental organizational contexts.									
COM	COMS	COMS	6300	Communication and Persuasion	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Process of communication and attitude change, survey of general theories and typical research, analysis of contemporary persuasion.									
COM	COMS	COMS	6300	Communication and Persuasion	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Process of communication and attitude change, survey of general theories and typical research, analysis of contemporary persuasion.									
COM	COMS	COMS	6320	Rhetoric, Culture, and Social Critique	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Course takes a specific theoretical approach to the critique of rhetoric as expressed in and by contemporary culture. The goal will be to explore the rich variety of rhetorical expression current in our lives. The reading list will encompass such topics as the critique of hate speech, the critique of whiteness, as well as focus on the discourse of African American, Native American, Latina/Latino cultures. Student projects will focus on one or more of the areas of inquiry with a goal of understanding and critiquing the role of rhetoric in the perpetuation and alteration of a culture.									
COM	COMS	COMS	6320	Rhetoric, Culture, and Social Critique	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Course takes a specific theoretical approach to the critique of rhetoric as expressed in and by contemporary culture. The goal will be to explore the rich variety of rhetorical expression current in our lives. The reading list will encompass such topics as the critique of hate speech, the critique of whiteness, as well as focus on the discourse of African American, Native American, Latina/Latino cultures. Student projects will focus on one or more of the areas of inquiry with a goal of understanding and critiquing the role of rhetoric in the perpetuation and alteration of a culture.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6330	Modern Rhetoric	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Aims, tasks, and significance of rhetoric in relation to human communication processes. Distinctions among speculative, critical, canonical, and performative perspectives in rhetorical inquiry.									
COM	COMS	COMS	6330	Modern Rhetoric	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Aims, tasks, and significance of rhetoric in relation to human communication processes. Distinctions among speculative, critical, canonical, and performative perspectives in rhetorical inquiry.									
COM	COMS	COMS	6340	Religious Rhetoric	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Pulpit oratory examined through analyses of selected clerics including Luther, Wesley, Whitefield, Beecher, Brooks, Fosdick, Sunday, Graham, and others. Rhetorical analysis of revivalism, camp meetings, social gospel, and ecclesiastical and polemic debates.									
COM	COMS	COMS	6340	Religious Rhetoric	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Pulpit oratory examined through analyses of selected clerics including Luther, Wesley, Whitefield, Beecher, Brooks, Fosdick, Sunday, Graham, and others. Rhetorical analysis of revivalism, camp meetings, social gospel, and ecclesiastical and polemic debates.									
COM	COMS	COMS	6341	The Rhetoric of Protest and Reform	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Rhetorical analysis and criticism of speaking during reform and revolutionary protest movements. Selected areas include American Revolution, antislavery debates, Populists, Progressives, labor unrest, women's rights, and civil rights agitation.									
COM	COMS	COMS	6341	The Rhetoric of Protest and Reform	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Rhetorical analysis and criticism of speaking during reform and revolutionary protest movements. Selected areas include American Revolution, antislavery debates, Populists, Progressives, labor unrest, women's rights, and civil rights agitation.									
COM	COMS	COMS	6342	The Rhetoric of the World Wars	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Analysis and criticism of wartime communication, its principal modes, techniques, media, and effects. Theory and practice as reflected in WWI and II.									
COM	COMS	COMS	6342	The Rhetoric of the World Wars	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Analysis and criticism of wartime communication, its principal modes, techniques, media, and effects. Theory and practice as reflected in WWI and II.									
COM	COMS	COMS	6343	Analysis and Criticism of Legal Rhetoric	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Analysis and criticism of principal modes, types, and styles of western legal rhetorical communication as mirrored in selected cases, jurists, attorneys, decisions, and arguments, with western legal communication studies as unique mode of rhetoric focusing upon English-American jurisprudence and courtroom advocacy. Case study method employed. Critical analysis accomplished.									
COM	COMS	COMS	6343	Analysis and Criticism of Legal Rhetoric	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Analysis and criticism of principal modes, types, and styles of western legal rhetorical communication as mirrored in selected cases, jurists, attorneys, decisions, and arguments, with western legal communication studies as unique mode of rhetoric focusing upon English-American jurisprudence and courtroom advocacy. Case study method employed. Critical analysis accomplished.									
COM	COMS	COMS	6344	Analysis and Criticism of Political Rhetoric	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Analysis and criticism of principal modes, media techniques, and effects of western political rhetorical communication. Theory and practice as reflected in major campaigns, administrations, and movements in both open and closed societies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6344	Analysis and Criticism of Political Rhetoric	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Analysis and criticism of principal modes, media techniques, and effects of western political rhetorical communication. Theory and practice as reflected in major campaigns, administrations, and movements in both open and closed societies.									
COM	COMS	COMS	6350	Foucault, Discourse, and Social Change	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		The overarching goal of this seminar is to develop a clearer sense of what it means to have rhetorical agency in a postmodern world. In moving toward that goal, we will interrogate Foucault's work that bears on the themes of discourse, knowledge/power, subject, and space.									
COM	COMS	COMS	6350	Foucault, Discourse, and Social Change	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		The overarching goal of this seminar is to develop a clearer sense of what it means to have rhetorical agency in a postmodern world. In moving toward that goal, we will interrogate Foucault's work that bears on the themes of discourse, knowledge/power, subject, and space.									
COM	COMS	COMS	6900	Special Topics in Communication Studies	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Specific course content will vary with offering.									
COM	COMS	COMS	6900	Special Topics in Communication Studies	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Specific course content will vary with offering.									
COM	COMS	COMS	6910	Internship	INT	IN	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Experience in communication-related activities in organizational environments. Written proposal required.									
COM	COMS	COMS	6930	Independent Study	IND	EL	1 to 8	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Readings on special problems under planned program approved by advisor. Projects must be approved prior to registration.									
COM	COMS	COMS	6930	Independent Study	IND	IS	1 to 8	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Readings on special problems under planned program approved by advisor. Projects must be approved prior to registration.									
COM	COMS	COMS	6940	Research	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Individual research on special problems. Projects must be approved prior to registration.									
COM	COMS	COMS	6950	Thesis	THE	TH	1 to 12	36		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Independent research as part of completion of master's degree.									
COM	COMS	COMS	6960	Master's Capstone Course	THE	TH	6	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		COMS 6960, the Master's Capstone Course, enables students to demonstrate mastery of theoretical, methodological, conceptual, and pragmatic material from this course. In consultation with an adviser, students will select a capstone experience that fits with his/her professional and academic goals: comprehensive exams, applied project, thesis, or e-Portfolio.									
COM	COMS	COMS	7000	Professional Seminar in Communication Studies: Pedagogy	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS major									
		PR											
		COURSE DESC:		The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7001	Professional Seminar in Communication Studies: Scholarly Writing GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner.	SEM	EL	1	2		N	G50		0
COM	COMS	COMS	7001	Professional Seminar in Communication Studies: Scholarly Writing GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner.	SEM	SE	1	2		N	G50		0
COM	COMS	COMS	7002	Professional Seminar in Communication Studies: Service GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner.	SEM	EL	1	2		N	G50		0
COM	COMS	COMS	7002	Professional Seminar in Communication Studies: Service GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner.	SEM	SE	1	2		N	G50		0
COM	COMS	COMS	7003	Professional Seminar in Communication Studies: Advanced Pedagogy GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner. All iterations of the course will instruct graduate students on approaches for teaching particular undergraduate courses in communication including but not limited to: Communication Theory, Small Group, Interviewing, Argumentation, Interpersonal, Health Communication, Rhetoric, or Organizational Communication. Students may repeat the course as new topics are offered.	SEM	EL	1	5		N	G50		0
COM	COMS	COMS	7003	Professional Seminar in Communication Studies: Advanced Pedagogy GEC2: A-F, REQUISITE: COMS major PR COURSE DESC: The professional seminar serves to orient students to graduate school and provide forums to discuss what it means to be a scholar, teacher, citizen, and/or communication practitioner. All iterations of the course will instruct graduate students on approaches for teaching particular undergraduate courses in communication including but not limited to: Communication Theory, Small Group, Interviewing, Argumentation, Interpersonal, Health Communication, Rhetoric, or Organizational Communication. Students may repeat the course as new topics are offered.	SEM	SE	1	5		N	G50		0
COM	COMS	COMS	7005	Introduction to Graduate Study in Communication GEC1: A-F REQUISITE: COURSE DESC: In this course, students explore the discipline of Communication and prepare for graduate work in this area as well as their future roles within it. Students learn about how the field of communication is defined, methods of structuring the field, and the roles of research, teaching, and service for academic and alternative-academic careers.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7010	Research Designs in Communication GEC2: A-F, REQUISITE: PR COURSE DESC: Nature and selection of communicative research problems; development of strategies, techniques, and appropriate designs, critical evaluation and development of experimental and descriptive procedures.	SEM	EL	4	0		N	G50		0
COM	COMS	COMS	7010	Research Designs in Communication GEC2: A-F, REQUISITE: PR COURSE DESC: Nature and selection of communicative research problems; development of strategies, techniques, and appropriate designs, critical evaluation and development of experimental and descriptive procedures.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7020	Integrated Theory in Communications Studies I GEC2: A-F, REQUISITE: PR COURSE DESC: COMS 7020 (and its companion course, 7030) will provide students with a broad-based introduction to, and critical examination of, the historical foundations as well as the contemporary theoretical investigations of the communication discipline. Students will read primary source materials coupled with contemporary texts extending these works in developing, applying and testing communication theory.	LEC	LE	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7030	Integrated Theory in Communications Studies II	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7020 PR									
		COURSE DESC:		COMS 7030 (and its companion course, 7020) will provide students with a broad-based introduction to, and critical examination of, the historical foundations of communication theory, as well as the contemporary texts extending these works in developing, applying, and testing communication theory.									
COM	COMS	COMS	7030	Integrated Theory in Communications Studies II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7020 PR									
		COURSE DESC:		COMS 7030 (and its companion course, 7020) will provide students with a broad-based introduction to, and critical examination of, the historical foundations of communication theory, as well as the contemporary texts extending these works in developing, applying, and testing communication theory.									
COM	COMS	COMS	7040	Research Design and Analysis I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		COMS7040 (and its companion course COMS 7050) introduces students to fundamental principles of research design and analysis and serves as a foundation for other courses in the program. Students will learn theoretical principles and research skills associated with four content areas: (a) metatheoretical assumptions, (b) quantitative design and analysis, (c) qualitative design and analysis, and (d) mixed-method design.									
COM	COMS	COMS	7050	Research and Design and Analysis II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		COMS 7050 (and its companion course COMS 7040) introduces students to fundamental principles of research design and analysis and serves as a foundation for other courses in the program. Students will learn theoretical principles and research skills associated with four content areas: (a) metatheoretical assumptions, (b) quantitative design and analysis, (c) qualitative design and analysis, and (d) mixed-method design.									
COM	COMS	COMS	7100	Introduction to Qualitative Methods in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Students learn fundamental principles of research design and analysis pertaining to qualitative research methods. Students learn metatheoretical assumptions that frame qualitative research projects as well as introductory strategies of collecting and analyzing qualitative data.									
COM	COMS	COMS	7110	Communication Historiography I	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Bibliographic, analytical, and interpretive skills for dealing with published primary source materials, including letters, speech texts, and audiovisual recordings in their historical contexts. Designed to help students become skillful library users, situate a research problem in context, and analyze primary historical materials.									
COM	COMS	COMS	7110	Communication Historiography I	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Bibliographic, analytical, and interpretive skills for dealing with published primary source materials, including letters, speech texts, and audiovisual recordings in their historical contexts. Designed to help students become skillful library users, situate a research problem in context, and analyze primary historical materials.									
COM	COMS	COMS	7120	Communication Historiography II	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7110 PR									
		COURSE DESC:		Techniques for research using archival material: transcripts, unpublished speeches, letters, diaries, artifacts (e.g., scrapbooks, museum exhibits), memoirs, manuscripts. Readings exemplify a variety of historical philosophies. Students research an original problem of their own definition within the theme of the semester; the writing of conference papers is encouraged. Course builds on the pedagogical skills introduced in 7110 by developing the ability to critique bibliographies, argumentation, and prose style.									
COM	COMS	COMS	7120	Communication Historiography II	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7110 PR									
		COURSE DESC:		Techniques for research using archival material: transcripts, unpublished speeches, letters, diaries, artifacts (e.g., scrapbooks, museum exhibits), memoirs, manuscripts. Readings exemplify a variety of historical philosophies. Students research an original problem of their own definition within the theme of the semester; the writing of conference papers is encouraged. Course builds on the pedagogical skills introduced in 7110 by developing the ability to critique bibliographies, argumentation, and prose style.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7130	Qualitative Research: Ethnography of Communication and Conversational Analysis GEC2: A-F, REQUISITE: PR COURSE DESC: Provides students with an understanding of how to conduct communication research projects using two qualitative research methodologies that stress the collection and analysis of naturalistic data--ethnography of communication and conversation analysis.	SEM	EL	4	0		N	G50		0
COM	COMS	COMS	7130	Qualitative Research: Ethnography of Communication and Conversational Analysis GEC2: A-F, REQUISITE: PR COURSE DESC: Provides students with an understanding of how to conduct communication research projects using two qualitative research methodologies that stress the collection and analysis of naturalistic data--ethnography of communication and conversation analysis.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7140	Qualitative Analysis in Communication GEC1: A-F REQUISITE: COURSE DESC: This class engages students in the practice of doing qualitative data analysis. Students use their own collection of qualitative data and learn techniques for analyzing and interpreting this data. The course covers many different approaches to coding ranging from the general (e.g., descriptive coding) to the specific (e.g., grounded theory, narrative, etc.). Students code data, engage in analytic memoing, create a codebook, and craft a methods section based on the knowledge gained in class.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7170	Contemporary and Critical Approaches to Ethnographic Methods GEC1: A-F REQUISITE: COURSE DESC: An advanced qualitative methods seminar focusing on critical and contemporary ethnographic research. Students understand the history, meaning, and evolution of ethnographic fieldwork by learning about mainstream, marginalized, de-colonial, indigenous, transnational, and feminist approaches to ethnographic practices. Students explore the crucial relationship between researchers and participants, researcher subjectivity and positionality, cultural translation, the crises of representation, and ethnographic claims to knowledge. Students are exposed to critical writing epistemologies such as experimental and performative writing, ethnopoetics, and autoethnography The course is both conceptual and practical, with theoretical discussions and hands-on training in participant observation, interviewing, analysis, and writing.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7190	Advanced Topics in Qualitative Communication Research GEC1: A-F REQUISITE: COURSE DESC: Advanced seminar focusing on qualitative research in communication studies. Topic varies with instructor. Students may repeat course as topics rotate for a total of 12 credits. Students should have some background in qualitative research prior to taking this course.	SEM	SE	4	12		N	G50		0
COM	COMS	COMS	7200	Introduction to Relating and Organizing GEC2: A-F, REQUISITE: PR COURSE DESC: This course is the first in a series of courses designed to introduce graduate students to the interconnections between micro practices and macro organizational and societal structures and influences. Particular attention will be paid to how individuals and collectives experience and enact fundamental tensions in their efforts to relate and organize.	SEM	EL	4	0		N	G50		0
COM	COMS	COMS	7200	Introduction to Relating and Organizing GEC2: A-F, REQUISITE: PR COURSE DESC: This course is the first in a series of courses designed to introduce graduate students to the interconnections between micro practices and macro organizational and societal structures and influences. Particular attention will be paid to how individuals and collectives experience and enact fundamental tensions in their efforts to relate and organize.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7210	Communication Process in Small Groups GEC2: A-F, REQUISITE: PR COURSE DESC: Theory and research in group social system, group modification of individual judgment, leadership styles, group vs. individual goals, and intragroup lines of communication in small problem-solving and learning groups.	SEM	EL	4	0		N	G50		0
COM	COMS	COMS	7210	Communication Process in Small Groups GEC2: A-F, REQUISITE: PR COURSE DESC: Theory and research in group social system, group modification of individual judgment, leadership styles, group vs. individual goals, and intragroup lines of communication in small problem-solving and learning groups.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	7220	Communicative Process in Organizations GEC2: A-F, REQUISITE: PR COURSE DESC: Interaction between organizational structure and communication within organizations. Emphasis on theoretical and methodological analysis. Primary focus on conducting major research project.	SEM	EL	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7220	Communicative Process in Organizations	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Interaction between organizational structure and communication within organizations. Emphasis on theoretical and methodological analysis. Primary focus on conducting major research project.									
COM	COMS	COMS	7230	Communication and Information Diffusion	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Analysis of major approaches to data and information diffusion systems on local, regional, national, and international levels. Emphasis on acquisition analysis and dissemination of data as information, including critical points of interface and interaction between a system and its uses.									
COM	COMS	COMS	7230	Communication and Information Diffusion	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Analysis of major approaches to data and information diffusion systems on local, regional, national, and international levels. Emphasis on acquisition analysis and dissemination of data as information, including critical points of interface and interaction between a system and its uses.									
COM	COMS	COMS	7250	Organization Communication Consulting: Foundational Perspectives	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR A focus on theoretical perspectives to organizational communication consulting and organizational development. Review of theory and research on communication training, consulting practices, communication variables involved in the client/consultant relationship, as well as intervention techniques.									
COM	COMS	COMS	7250	Organization Communication Consulting: Foundational Perspectives	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR A focus on theoretical perspectives to organizational communication consulting and organizational development. Review of theory and research on communication training, consulting practices, communication variables involved in the client/consultant relationship, as well as intervention techniques.									
COM	COMS	COMS	7300	Introduction to Rhetoric and Public Culture	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR An introductory survey of ideas theorizing the relationships between rhetoric and public culture. Since many of these ideas offer critical and analytic perspectives, students will also learn how to engage in critical analysis of the relationships between rhetoric and public culture. Likely theories/theorists include: Kenneth Burke, Mikhail Bakhtin, Michel Foucault, Antonio Gramsci, Jergen Habermas, cultural studies, post-colonial studies, feminist studies, and postmodernism.									
COM	COMS	COMS	7300	Introduction to Rhetoric and Public Culture	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR An introductory survey of ideas theorizing the relationships between rhetoric and public culture. Since many of these ideas offer critical and analytic perspectives, students will also learn how to engage in critical analysis of the relationships between rhetoric and public culture. Likely theories/theorists include: Kenneth Burke, Mikhail Bakhtin, Michel Foucault, Antonio Gramsci, Jergen Habermas, cultural studies, post-colonial studies, feminist studies, and postmodernism.									
COM	COMS	COMS	7320	Communication Historiography Methods	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students develop bibliographic, analytical, and interpretive skills for dealing with primary source materials published in print and those made available in databases or online archives, including letters, speech texts, and audiovisual recordings in their historical contexts. This course is designed to help students become skillful library users, situate a research problem in context, and analyze primary historical materials.									
COM	COMS	COMS	7340	Narrative Approaches to Rhetorical Criticism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This rhetorical methods class explores narrative approaches to rhetorical criticism. "Narrative" is construed broadly to encompass methods that view rhetorical transactions as dramatic events or as story-telling. Examples of narrative approaches to rhetorical criticism include Kenneth Burke's dramatic approach, Ernest Bormann's rhetorical vision/fantasy theme analysis, or Walter Fisher's narrative perspective. These approaches tend to construe rhetorical discourse as involving heroes/villains (protagonist/antagonist), conflict, and events (a plot).									
COM	COMS	COMS	7350	Advanced Techniques in Rhetorical Criticism	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course offers an in-depth study of the theoretical underpinning and methodologies in specific techniques of rhetorical criticism. Although the specific rhetorical scholar or school of rhetorical scholars will vary by instructor, each seminar will engage the interdisciplinary dimensions of a specific technique of criticism of rhetorical interactions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7370	Performance Methods in Communication Studies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on performance as a paradigm for the study of communication processes, broadly defined. Performance is approached as method, experience, metaphor, and subject of analysis. The course is both conceptual and practical. It introduces students to key concepts in performance theory such as ritual, identity performance, culture, play, performativity, performing, performance texts, and performance process. Students gain experiential training in performance ethnography, ethnography of performance, autobiographical performance, autoethnographic performance, social justice organizing and performance, and performative writing. This training is accomplished through exercises in textual, aural, performative, material, poetic, and other sense-based representation of performance and everyday life.									
COM	COMS	COMS	7400	Introduction to Health Communication	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Survey of the wide range of topics within the area of health communication, including cultural concepts of health, patient centered meanings of health, physician patient interaction, social support, health promotion campaigns, harm reduction campaigns, mass media constructions of health, risk communication, and health-related values and ethics.								
COM	COMS	COMS	7400	Introduction to Health Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Survey of the wide range of topics within the area of health communication, including cultural concepts of health, patient centered meanings of health, physician patient interaction, social support, health promotion campaigns, harm reduction campaigns, mass media constructions of health, risk communication, and health-related values and ethics.								
COM	COMS	COMS	7510	Quantitative Research Design in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on practical and conceptual skills necessary for conducting high-quality quantitative research in communication. The course covers survey and experimental designs that are particularly relevant to communication studies.									
COM	COMS	COMS	7520	Quantitative Measurement and Preliminary Analysis in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course covers measurement of quantitative data and the preliminary analyses required before conducting the substantive analysis of hypotheses and research questions. The measurement portion of the course focuses on decision making and techniques for producing and working with quantitative data, focusing in particular on conceptualizing and operationalizing quantitative variables. Students will explore statistical techniques for assessing measurement including reliability and exploratory factor analyses. The preliminary analysis portion of the course explores issues such as data cleaning, diagnosis and resolution of missing data issues, item-level analyses, forming multi-item scales, transformation, and evaluating confounds and covariates.									
COM	COMS	COMS	7530	Mediation and Moderation in Quantitative Methods in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides an introduction to the quantitative research method of moderation and mediation. A moderator variable is one that influences the strength of a relationship between two other variables, and a mediator variable is one that explains the relationship between the two other variables. This course is both conceptual and analytical. Students learn how to theoretically propose moderation analyses vs. mediation analyses and how to rationalize one approach over the other. Students also practice moderation and mediation through multiple regression and simple path analyses techniques (SPSS, PROCESS, and AMOS).									
COM	COMS	COMS	7540	Methods of Content Analysis in Communication Studies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students learn theory and methods of quantitative content analysis of texts. Texts include interview transcripts, letters, social media content, visual communication, and traditional mediated texts.									
COM	COMS	COMS	7590	Topics in Quantitative Methods in Communication	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on particular quantitative methods (e.g., multi-level modeling, meta-analysis, big data, longitudinal analysis, growth curve modelling, network analysis, etc.) not covered by regularly offered courses. Topics will vary and the course may be repeated three times as topics rotate.									
COM	COMS	COMS	7900	Topics in Communication Studies I	SEM	EL	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.								
COM	COMS	COMS	7900	Topics in Communication Studies I	SEM	SE	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7901	Interdisciplinary Seminar	SEM	EL	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									
COM	COMS	COMS	7901	Interdisciplinary Seminar	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Seminar contents vary.									
COM	COMS	COMS	7940	Research	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Individual research on special projects. Projects must be approved prior to registration.									
COM	COMS	COMS	8200	Foundations of Organizational Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to provide an introduction to organizational communication. Specifically, this course covers both foundational and contemporary theory, research, and practice related to organizational communication. Students in this course are exposed to multiple theoretical, conceptual, and methodological approaches adopted across the field. Students think critically about how past and present scholarly trends guide our field.									
COM	COMS	COMS	8210	Foundations of Interpersonal Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to provide an introduction to interpersonal communication. Specifically, this course covers both foundational and contemporary theory, research and practice related to interpersonal communication. The course will study multiple theoretical, conceptual and methodological approaches to understanding communication in interpersonal relationships. Students will think critically about core research programs that have guided our field.									
COM	COMS	COMS	8220	Public Deliberation	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course addresses theoretical and practical dimensions of the public, private, civil, and technical spheres of human discourse, with an emphasis on the content, structure, suasiveness, and social cultural implications of the speech and action emerging from and contributing to those spheres.									
COM	COMS	COMS	8220	Public Deliberation	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Course addresses theoretical and practical dimensions of the public, private, civil, and technical spheres of human discourse, with an emphasis on the content, structure, suasiveness, and social cultural implications of the speech and action emerging from and contributing to those spheres.									
COM	COMS	COMS	8230	Integrated Research in Communication Studies	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to provide advanced students with an opportunity to apply communication theory in exploring questions and/or addressing problems that connect the realms of interpersonal communication studies and organizational communication studies. The course will be open to COMS graduate students who have successfully completed their first year of graduate studies and to graduate students from other programs in the university contingent on instructor permission. The precise questions explored and methods employed in that exploration will vary according to instructor interests and background.									
COM	COMS	COMS	8230	Integrated Research in Communication Studies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course is designed to provide advanced students with an opportunity to apply communication theory in exploring questions and/or addressing problems that connect the realms of interpersonal communication studies and organizational communication studies. The course will be open to COMS graduate students who have successfully completed their first year of graduate studies and to graduate students from other programs in the university contingent on instructor permission. The precise questions explored and methods employed in that exploration will vary according to instructor interests and background.									
COM	COMS	COMS	8240	Communication and Identity	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed to provide an introduction to identity and communication related specifically to interpersonal, intergroup and/or organizational communication contexts. Specifically, this course covers both foundational and contemporary theory, research and practice related to identity and identification in at least one of these substantive areas. Students study multiple theoretical, conceptual and methodological approaches to understanding communication and identity. The course requires students to think critically about core research programs that have guided our field.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8250	Communication in Personal & Social Relationships GEC1: A-F REQUISITE: The formation, maintenance, and dissolution of relationships comprises a large portion of our communication. These relationships may include romantic partnerships, friendships, family relationships, work relationships, and caregiver relationships, to name a few. In this class, students will investigate communication processes present in these relationships as well as relevant constructs, theories, and topics in order to gain a more complete and advanced understanding of interpersonal communication at both the abstract (theories, empirical research) and concrete (conducting their own research) levels.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	8260	Communication, Innovation, and Organizational Change GEC1: A-F REQUISITE: Advanced seminar in organizational communication that focuses on the ways communication enables organizing around innovation and facilitates organizational change. Specifically, this course highlights communication between individual organizational members, in groups and teams, across organizational units, and between organizations and their communities.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	8270	Dialogue, Narrative, and Communication GEC1: A-F REQUISITE: This course is an advanced seminar focusing on dialogue and narrative communication as topics in interpersonal communication and organizational communication theory and research. This course examines in-depth dialogical communication, narrative communication, and a combination of the two in composing the practices of interpersonal or organizational communication contexts.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	8280	Topics in Advanced Interpersonal Communication GEC1: A-F REQUISITE: This course is an advanced seminar focusing on the role and dynamics of interpersonal communication employed across a range of personal and public relationships and contexts. Topic varies with instructor. Students may repeat course as topics rotate for a total of 12 credits.	SEM	SE	4	12		N	G50		0
COM	COMS	COMS	8285	Topics in Advanced Organizational Communication GEC1: A-F REQUISITE: This course is an advanced seminar focusing on the role and dynamics of communication employed across a range of organizational contexts. Topic varies with instructor. Students may repeat course as topics rotate for a total of 12 credits.	SEM	SE	4	12		N	G50		0
COM	COMS	COMS	8290	Topics in Relating and Organizing GEC2: A-F, REQUISITE: PR Advanced seminar focusing on the role and dynamics of communication employed in the processes of relating and organizing. Topic varies with instructor. Course topics will vary; may repeat course as topics rotate for a total of 12 credits.	SEM	EL	4	12		N	G50		0
COM	COMS	COMS	8290	Topics in Relating and Organizing GEC2: A-F, REQUISITE: PR Advanced seminar focusing on the role and dynamics of communication employed in the processes of relating and organizing. Topic varies with instructor. Course topics will vary; may repeat course as topics rotate for a total of 12 credits.	SEM	SE	4	12		N	G50		0
COM	COMS	COMS	8300	Rhetorical Theory GEC2: A-F, REQUISITE: PR Covers main concepts and principal figures in the history of rhetorical theory. Begins with classical Greece and ends with postmodernity.	SEM	SE	4	0		N	G50		0
COM	COMS	COMS	8310	Rhetoric and Popular Culture GEC2: A-F, REQUISITE: PR This course introduces students to major works in the study of rhetoric, popular culture, and their relationship. It assumes that forms of popular culture (e.g., popular music, advertising, television programming, popular novels, etc.) are social artifacts that serve an important persuasive function in society. Popular culture provides conceptual and practical frameworks that orient individuals to the world. Thus, this course will help graduate students to develop a set of theoretical, methodological, and analytical resources for researching and interpreting the persuasive functions of popular culture in specific historical and geographical contexts.	SEM	EL	4	0		N	G50		0
COM	COMS	COMS	8310	Rhetoric and Popular Culture GEC2: A-F, REQUISITE: PR This course introduces students to major works in the study of rhetoric, popular culture, and their relationship. It assumes that forms of popular culture (e.g., popular music, advertising, television programming, popular novels, etc.) are social artifacts that serve an important persuasive function in society. Popular culture provides conceptual and practical frameworks that orient individuals to the world. Thus, this course will help graduate students to develop a set of theoretical, methodological, and analytical resources for researching and interpreting the persuasive functions of popular culture in specific historical and geographical contexts.	SEM	SE	4	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8320	Rhetorical and Communicative Functions of Technology	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course examines the creation of meaning in verbal and graphic texts in speech, print, and electronic environments, with emphasis on the cultural significance of various communication technologies. In addition to discussions of theory, the course includes hands-on explorations of electronic examples (including radio, cell phones, games, and Internet applications), especially in contrast to print and speech, and consideration of social, economic, and technical dimensions of mediated culture.									
COM	COMS	COMS	8320	Rhetorical and Communicative Functions of Technology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course examines the creation of meaning in verbal and graphic texts in speech, print, and electronic environments, with emphasis on the cultural significance of various communication technologies. In addition to discussions of theory, the course includes hands-on explorations of electronic examples (including radio, cell phones, games, and Internet applications), especially in contrast to print and speech, and consideration of social, economic, and technical dimensions of mediated culture.									
COM	COMS	COMS	8330	Feminist Rhetorical Theory	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course will begin with an examination of what it means to 'write women into the history of rhetoric'. This examination will provide the backdrop for an initial historiographical approach to women's contributions to rhetorical theory. Beyond this initial focus, the course will examine recent developments in feminist theory that impinge on or work from an understanding of rhetoric. As such, the course cuts across both historical and theoretical boundaries mapping the space for a feminist rhetoric.									
COM	COMS	COMS	8330	Feminist Rhetorical Theory	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course will begin with an examination of what it means to 'write women into the history of rhetoric'. This examination will provide the backdrop for an initial historiographical approach to women's contributions to rhetorical theory. Beyond this initial focus, the course will examine recent developments in feminist theory that impinge on or work from an understanding of rhetoric. As such, the course cuts across both historical and theoretical boundaries mapping the space for a feminist rhetoric.									
COM	COMS	COMS	8340	Rhetorical Criticism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Theories and methodologies of selected modern critics. Exploration of interdisciplinary dimensions in criticism of rhetorical interactions. Class and individual projects.									
COM	COMS	COMS	8350	Studies in American Rhetoric	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course surveys examples of American rhetoric, broadly construed to include rhetorical traditions of native peoples before European contact as well as genres of public address and other rhetorical forms in many media across the political, social, and media history of the United States. The communication discipline's critical approaches to the various ideological, regional, and demographic traditions of American rhetoric are central to the course. Students gain a foundation for research in both historical and contemporary American rhetoric, especially as manifestations of the ancient rhetorical principle of kairos--appropriateness to time, place, and circumstances.									
COM	COMS	COMS	8360	Topics in Communication and Cultural Critique	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course addresses the convergent aims of rhetoric and cultural studies, viewing both traditions as theoretical invitations to political and cultural critique. It acknowledges the rich and contested histories of both intellectual traditions and engages modes of inquiry that attend to matters of culture, identity, representation, power, ideology, and democracy as they implicate and intersect with our understandings of communicative practices and behaviors. Through the course, students become familiar with the common influences and divergent histories of rhetoric and cultural studies so that they may more productively engage in scholarship that contributes to the critique of public culture. Topics vary. Students may repeat the course for a total of 12 credits.									
COM	COMS	COMS	8390	Topics in Rhetoric and Culture	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course provides a specific focus in a topic area related to Rhetoric and Culture. Topics will vary and the course may be repeated three times.									
COM	COMS	COMS	8400	Health Communication in Organizing	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course introduces students to research on health communication issues in organizing and provides a forum for developing a research agenda in this area. Underscoring course reading and assignments is the assumption that health, wellness, illness, and healing acquire meaning through symbolic interactions located within social, political, economic, and cultural structures.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8420	Health Communication and Culture	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		The purpose of this course is to examine the influence of culture on communicative aspects of patient and public health. The course explores theories of communication medical anthropology, and health education to understand the conceptual foundations of intercultural health. The course analyzes how peoples' health beliefs play out in interactions with patients and providers, and examines how public health strategies can be designed for specific cultural contexts. The larger purpose of this course is to train graduate students to communicate more effectively with patients, providers, and the public in multicultural health care settings.									
COM	COMS	COMS	8420	Health Communication and Culture	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		The purpose of this course is to examine the influence of culture on communicative aspects of patient and public health. The course explores theories of communication medical anthropology, and health education to understand the conceptual foundations of intercultural health. The course analyzes how peoples' health beliefs play out in interactions with patients and providers, and examines how public health strategies can be designed for specific cultural contexts. The larger purpose of this course is to train graduate students to communicate more effectively with patients, providers, and the public in multicultural health care settings.									
COM	COMS	COMS	8430	Relational Issues in Health Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course provides an overview of theory and research within the broad scope of relationships and health communication. Specifically, students gain an understanding of health communication in personal, peer, and provider/caregiver relationships, including research on how health conditions shape communication in these relationships, as well as how every day communication in these relationships influences health.									
COM	COMS	COMS	8440	Health Communication and Society	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Seminar exploring the relationships among communication, public culture, and public perceptions of health and wellness. Surveys theoretical approaches (i.e., cultural studies, rhetorical analysis) and emphasizes the application of theory through writing and criticism. There is a strong emphasis on exploring current issues and challenges facing the health care industry and the public's understanding of health and wellness.									
COM	COMS	COMS	8450	Health Communication Campaigns	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores the theory and practice of communication campaigns that attempt to influence awareness, knowledge, attitudes, beliefs, and behaviors related to health. Students examine theories and research that inform the development, implementation, and evaluation of campaigns with an emphasis on practical implications. The course also focuses on values and ethical dilemmas in the design and conduct of campaigns.									
COM	COMS	COMS	8460	Persuasion and Social Influence in Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on the processes through which attitudes, beliefs, and behaviors are shaped, reinforced, and changed via communication. The course provides a survey of theories and research in persuasion as well as analysis of contemporary examples of persuasive communication.									
COM	COMS	COMS	8470	Communication and Uncertainty in Health and Illness	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Uncertainty is common in diagnosis, prognosis, and treatment for many illnesses, and in relationships among patients, care providers, and family members, where illnesses experiences are addressed. Communication is a source of illness-related uncertainty, a resource for dealing with such uncertainty, and most generally the medium through which the presence and meanings of uncertainty are constructed. This course examines the nature of illness-related uncertainty, and theory and research on communication and uncertainty related to instrumental, identity, relational, and affect management; it examines these issues in contexts such as health information seeking, health screening and genetic testing, diagnosis and medically unexplained symptoms, treatment decisions, including end-of-life care, and social support.									
COM	COMS	COMS	8480	Environmental Communication	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on how we communicatively construct and affect the environment. Students analyze and critique a wide range of voices (e.g., citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) on a variety of environmental disputes. Students learn about environmental decision making and conflict resolution, advocacy, climate and environmental justice movements, science communication, and risk communication in the context of current environmental issues. The course is designed to accommodate primarily communication studies doctoral students, but it reviews foundational theories in sufficient detail to equip students from other programs to participate effectively. The course equips students to conduct original research on environmental communication and to engage in activism as appropriate to interests and exigencies.									
COM	COMS	COMS	8490	Special Topics in Health Communication	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced seminar focusing on the role and dynamics of communication employed across a range of health contexts. Topic varies with instructor. Students may repeat the course as topics rotate for a total of 12 credits.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8900	Special Topics in Communication Studies II	LEC	EL	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.									
COM	COMS	COMS	8900	Special Topics in Communication Studies II	LEC	LE	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.									
COM	COMS	COMS	8950	Dissertation	THE	TH	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Independent research leading to the completion of the doctoral degree.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	1010	Consumer Issues in Telecommunication ELIGIBLE GRADES: GEC1: A-F REQUISITE: Non-ITS major COURSE DESC: Provides a broad overview of issues in voice, data, and image communications. Topics focus on consumer issues, technological advancements, and the impact of communication systems on society.	LEC	LE	3	0	2AS	N	U10		0
COM	ITS	ITS	2010	Understanding Internet Technology ELIGIBLE GRADES: GEC1: A-F REQUISITE: Non-ITS major COURSE DESC: A survey of the technologies that make the internet useful. Most visibly, this includes the World Wide Web, email, file transfer, and packet telephony. At the network level, this includes layered protocols, packet switching, LANs, WANs, routing, TCP/IP. Security issues: worms, viruses, and spyware will be discussed.	LEC	LE	3	0	2AS	N	U10		0
COM	ITS	ITS	2140	Introduction to Information and Telecommunication Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: General principles and techniques of point-to-point telecommunications. Includes brief history of field and general introduction to technology of voice, data, and image transmissions.	LEC	EL	3	0		N	U10		0
COM	ITS	ITS	2140	Introduction to Information and Telecommunication Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: General principles and techniques of point-to-point telecommunications. Includes brief history of field and general introduction to technology of voice, data, and image transmissions.	LEC	LE	3	0		N	U10		0
COM	ITS	ITS	2300	Data Networking ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Data Networking is organized along the ISO layered protocol architecture. The class starts with a discussion of the physical layer and the different transmission media. Subsequently a detailed discussion of the link and network layers provides students with an understanding of the principles of data networking, virtual circuits, packet switching, and routing. The transport layer along with a description of typical networking applications are also discussed with an emphasis on the use of these concepts in the Internet. These topics are further explored in hands-on lab exercises.	LAB	LB	4	0		N	U30		75
COM	ITS	ITS	2300	Data Networking ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Data Networking is organized along the ISO layered protocol architecture. The class starts with a discussion of the physical layer and the different transmission media. Subsequently a detailed discussion of the link and network layers provides students with an understanding of the principles of data networking, virtual circuits, packet switching, and routing. The transport layer along with a description of typical networking applications are also discussed with an emphasis on the use of these concepts in the Internet. These topics are further explored in hands-on lab exercises.	LEC	LE	4	0		N	U30		75
COM	ITS	ITS	2900	Special Topics in Information and Telecommunication Systems ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
COM	ITS	ITS	2900	Special Topics in Information and Telecommunication Systems ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
COM	ITS	ITS	3020	Information and Telecommunications Policy I ELIGIBLE GRADES: GEC1: A-F REQUISITE: ECON 1030 and C or better in ITS 2140 COURSE DESC: Study of regulatory systems, tariff structures, and costing of telecommunications across state and national boundaries. Basic policy development at state and federal levels. Impact of Telecommunications Act of 1996.	LEC	LE	3	0		N	U30		0
COM	ITS	ITS	3021	Information and Telecommunications Policy II ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in ITS 3020 COURSE DESC: Provides applications of the materials learned in 3020. Topics include the Network Neutrality, advocacy and policy reform, spectrum management, international telecommunications, and regulation of emerging technologies, among others.	LEC	EL	3	0		N	U30		0
COM	ITS	ITS	3021	Information and Telecommunications Policy II ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in ITS 3020 COURSE DESC: Provides applications of the materials learned in 3020. Topics include the Network Neutrality, advocacy and policy reform, spectrum management, international telecommunications, and regulation of emerging technologies, among others.	LEC	LE	3	0		N	U30		0
COM	ITS	ITS	3100	Internet Applications and Network Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in (ITS 2140 and 2300) COURSE DESC: Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications	LAB	LB	4	0		N	U30		75

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	3100	Internet Applications and Network Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in (ITS 2140 and 2300) COURSE DESC: Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications	LEC	EL	4	0		N	U30		75
COM	ITS	ITS	3100	Internet Applications and Network Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in (ITS 2140 and 2300) COURSE DESC: Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications	LEC	LE	4	0		N	U30		75
COM	ITS	ITS	3110	Technical Foundations for Communications ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 3100 COURSE DESC: Foundational experience in electronics, optics, and physics for students in telecommunications. Theory aspects include resistance, Ohm's law, reactance, filters, AC and DC power, analog and signals, propagation, digital logic, and signal processing. Laboratory aspects include circuit components, analog and digital circuit construction and operation, use of test equipment, microprocessor and DSP implementation, and safety practices. Relevance to telecommunications industry components will be stressed.	LAB	LB	4	0		N	U30		0
COM	ITS	ITS	3110	Technical Foundations for Communications ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 3100 COURSE DESC: Foundational experience in electronics, optics, and physics for students in telecommunications. Theory aspects include resistance, Ohm's law, reactance, filters, AC and DC power, analog and signals, propagation, digital logic, and signal processing. Laboratory aspects include circuit components, analog and digital circuit construction and operation, use of test equipment, microprocessor and DSP implementation, and safety practices. Relevance to telecommunications industry components will be stressed.	LEC	EL	4	0		N	U30		0
COM	ITS	ITS	3110	Technical Foundations for Communications ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 3100 COURSE DESC: Foundational experience in electronics, optics, and physics for students in telecommunications. Theory aspects include resistance, Ohm's law, reactance, filters, AC and DC power, analog and signals, propagation, digital logic, and signal processing. Laboratory aspects include circuit components, analog and digital circuit construction and operation, use of test equipment, microprocessor and DSP implementation, and safety practices. Relevance to telecommunications industry components will be stressed.	LEC	LE	4	0		N	U30		0
COM	ITS	ITS	3430	Switched Carrier Networks ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 3110 COURSE DESC: Examination of the technical components of deployed telecommunication networks. Attention is given to the functional elements of switch technologies and switched services, to carrier technologies and their utilization, and to intergration of these technologies for the public switched network and PSN-based services, such as Switched Multimegabit Data Service, Fiber Distributed Data Interface, Frame Relay, and ISDN.	LEC	EL	3	0		N	U30		0
COM	ITS	ITS	3430	Switched Carrier Networks ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 3110 COURSE DESC: Examination of the technical components of deployed telecommunication networks. Attention is given to the functional elements of switch technologies and switched services, to carrier technologies and their utilization, and to intergration of these technologies for the public switched network and PSN-based services, such as Switched Multimegabit Data Service, Fiber Distributed Data Interface, Frame Relay, and ISDN.	LEC	LE	3	0		N	U30		0
COM	ITS	ITS	3790	Geographic Analysis of Telecommunication Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 2140 COURSE DESC: Encourages students to consider the technical, socioeconomic, and policy aspects of telecommunications technologies, particularly from a geographic perspective. Utilizes readings, lectures, and discussions to explore various issues associated with telecommunications technologies, including broadband availability, telecommunications tower siting, cellular coverage areas, and the spatial digital divide. Students apply their knowledge through class activities.	LEC	EL	3	0		N	U30		50
COM	ITS	ITS	3790	Geographic Analysis of Telecommunication Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: ITS 2140 COURSE DESC: Encourages students to consider the technical, socioeconomic, and policy aspects of telecommunications technologies, particularly from a geographic perspective. Utilizes readings, lectures, and discussions to explore various issues associated with telecommunications technologies, including broadband availability, telecommunications tower siting, cellular coverage areas, and the spatial digital divide. Students apply their knowledge through class activities.	LEC	LE	3	0		N	U30		50
COM	ITS	ITS	4020	Strategic Decision Making in Information and Telecommunication Industries ELIGIBLE GRADES: GEC1: A-F REQUISITE: ECON 1030 and C or better in ITS 2140 COURSE DESC: Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.	LEC	EL	3	0		N	U30		0
COM	ITS	ITS	4020	Strategic Decision Making in Information and Telecommunication Industries ELIGIBLE GRADES: GEC1: A-F REQUISITE: ECON 1030 and C or better in ITS 2140 COURSE DESC: Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	4050	Competition and Market Structure in Telecommunications Industries	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 4020									
		COURSE DESC:		An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									
COM	ITS	ITS	4050	Competition and Market Structure in Telecommunications Industries	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 4020									
		COURSE DESC:		An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									
COM	ITS	ITS	4070	International Communication Networks	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3020									
		COURSE DESC:		A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	ITS	4070	International Communication Networks	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3020									
		COURSE DESC:		A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	ITS	4110	Pricing of Telecommunications Services	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3020									
		COURSE DESC:		Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	ITS	4110	Pricing of Telecommunications Services	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3020									
		COURSE DESC:		Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	ITS	4290	Communication Network Analysis and Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3110 or 330									
		COURSE DESC:		The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	ITS	4290	Communication Network Analysis and Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3110 or 330									
		COURSE DESC:		The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	ITS	4310	Privacy in the Internet Age	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	ITS	4310	Privacy in the Internet Age	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	ITS	4320	Gender and Information Technology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									
COM	ITS	ITS	4320	Gender and Information Technology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	4330	IT Compliance and Planning	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 2140									
		COURSE DESC:		Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.									
COM	ITS	ITS	4330	IT Compliance and Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 2140									
		COURSE DESC:		Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.									
COM	ITS	ITS	4370	Wireless Telecommunications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 2300									
		COURSE DESC:		Covers wireless communications principles as well as a study of modern commercial wireless systems. Starts with a discussion on the challenges inherent to wireless communications and the proceeds with a study of RF propagation over noisy channels, S/N ratio, antennas and frequency assignment. Discusses satellite communications basics: components, operations, orbits, frequencies and Earth stations. A detailed discussion of wide area terrestrial wireless systems: analog and digital cellular, 3G and 4G broadband systems provides students with an overview of the advantages and limitations of diverse modern and legacy systems. Local and personal area networks discussions are also included, with an overview of their structure, security and the deployment planning process.									
COM	ITS	ITS	4410	Voice over IP	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3100									
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	4410	Voice over IP	LEC	EL	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3100									
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	4410	Voice over IP	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3100									
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	4440	Lifecycle Management of Information and Telecommunication Systems	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr and ITS 3100 and 4020 and ITS major									
		COURSE DESC:		Info and telecom lifecycle management -- defining, implementing, and operating/maintaining complex systems; perform needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. Extensive paper required.									
COM	ITS	ITS	4440	Lifecycle Management of Information and Telecommunication Systems	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr and ITS 3100 and 4020 and ITS major									
		COURSE DESC:		Info and telecom lifecycle management -- defining, implementing, and operating/maintaining complex systems; perform needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. Extensive paper required.									
COM	ITS	ITS	4510	Telecommunication Network Security	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3100									
		COURSE DESC:		Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.									
COM	ITS	ITS	4510	Telecommunication Network Security	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3100									
		COURSE DESC:		Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.									
COM	ITS	ITS	4530	Encrypted Communication	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 2300									
		COURSE DESC:		The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	4530	Encrypted Communication	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 2300									
				The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									
COM	ITS	ITS	4750	Internet Engineering	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ITS 3100 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CS 4750									
				Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	ITS	4750	Internet Engineering	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ITS 3100 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CS 4750									
				Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	ITS	4900	Topical Seminar	LEC	EL	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: ITS 3020 and 3100									
		COURSE DESC:		CR, PR									
				Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	ITS	4900	Topical Seminar	LEC	LE	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: ITS 3020 and 3100									
		COURSE DESC:		CR, PR									
				Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	ITS	4900L	Special Topics Lab	LAB	LB	1	4		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ITS 3100									
				Lab offered in conjunction with an ITS 4900 Special Topics Seminar									
COM	ITS	ITS	4910	Internship in Communication	INT	IN	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Permission required									
		COURSE DESC:		CR, PR									
				Internship with approved company, agency, or organization. Application necessary; comprehensive paper required. Students may not apply both 4910 and 4920 toward ITS elective requirement.									
COM	ITS	ITS	4920	Practicum in Communication Systems	PRA	PR	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
				REQUISITE: Permission required									
		COURSE DESC:		PR, F									
				Faculty-supervised first-hand experience with installing, designing, configuring, maintaining, or otherwise managing communication systems. A written report is required. Students may not apply both 4910 and 4920 toward ITS elective requirement.									
COM	ITS	ITS	4930	Special Studies	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Permission required									
		COURSE DESC:		CR, PR									
				Independent study, supervised by faculty.									
COM	ITS	ITS	4930	Special Studies	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Permission required									
		COURSE DESC:		CR, PR									
				Independent study, supervised by faculty.									
COM	ITS	ITS	5020	Strategic Decision Making in Information and Telecommunication Industries	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.									
COM	ITS	ITS	5020	Strategic Decision Making in Information and Telecommunication Industries	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.									
COM	ITS	ITS	5050	Competition and Market Structure in Telecommunications Industries	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ITS 6020									
				An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	5050	Competition and Market Structure in Telecommunications Industries	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6020									
		COURSE DESC:		An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									
COM	ITS	ITS	5070	International Communication Networks	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	ITS	5070	International Communication Networks	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	ITS	5110	Pricing of Telecommunications Services	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6020									
		COURSE DESC:		Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	ITS	5110	Pricing of Telecommunications Services	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6020									
		COURSE DESC:		Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	ITS	5290	Communication Network Analysis and Design	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250									
		COURSE DESC:		The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	ITS	5290	Communication Network Analysis and Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250									
		COURSE DESC:		The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	ITS	5310	Privacy in the Internet Age	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	ITS	5310	Privacy in the Internet Age	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	ITS	5320	Gender and Information Technology	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									
COM	ITS	ITS	5320	Gender and Information Technology	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									
COM	ITS	ITS	5330	IT Compliance and Planning	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.									

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COM	ITS	ITS	5330	IT Compliance and Planning	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.									
COM	ITS	ITS	5370	Wireless Telecommunications	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Covers wireless communications principles as well as a study of modern commercial wireless systems. Starts with a discussion on the challenges inherent to wireless communications and the proceeds with a study of RF propagation over noisy channels, S/N ratio, antennas and frequency assignment. Discusses satellite communications basics: components, operations, orbits, frequencies and Earth stations. A detailed discussion of wide area terrestrial wireless systems: analog and digital cellular, 3G and 4G broadband systems provides students with an overview of the advantages and limitations of diverse modern and legacy systems. Local and personal area networks discussions are also included, with an overview or their structure, security and the deployment planning process.									
COM	ITS	ITS	5390	Communication Technology Lab Practicum	LAB	LB	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: Permission required An extensive hands-on experience in voice and data communication technologies. Students analyze problems of both a managerial and a technical nature through extensive lab exercises. Involves hands-on experience in posing, validating, and analyzing problems in switching and transmission technologies; network design, internetworking, protocol issues, distributed databases, and network management.									
COM	ITS	ITS	5390	Communication Technology Lab Practicum	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: Permission required An extensive hands-on experience in voice and data communication technologies. Students analyze problems of both a managerial and a technical nature through extensive lab exercises. Involves hands-on experience in posing, validating, and analyzing problems in switching and transmission technologies; network design, internetworking, protocol issues, distributed databases, and network management.									
COM	ITS	ITS	5410	Voice over IP	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	5410	Voice over IP	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	5410	Voice over IP	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.									
COM	ITS	ITS	5510	Telecommunication Network Security	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.									
COM	ITS	ITS	5510	Telecommunication Network Security	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.									
COM	ITS	ITS	5530	Encrypted Communication	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									
COM	ITS	ITS	5530	Encrypted Communication	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				REQUISITE: ITS 6250 The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	5750	Internet Engineering	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	ITS	5750	Internet Engineering	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	ITS	5750	Internet Engineering	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	ITS	5900	Topical Seminar	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	ITS	5900	Topical Seminar	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	ITS	6000	Research Methods in Information and Telecommunication Systems	LEC	EL	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Provides an overview of the field and introduces the students to the fundamentals of research, including the steps involved in identifying a research problem, how to formulate a problem statement, selection of appropriate research methodologies, accumulating and analyzing relevant empirical data, writing research results. Will explain and analyze various research methods and tools, both quantitative and qualitative.									
COM	ITS	ITS	6000	Research Methods in Information and Telecommunication Systems	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Provides an overview of the field and introduces the students to the fundamentals of research, including the steps involved in identifying a research problem, how to formulate a problem statement, selection of appropriate research methodologies, accumulating and analyzing relevant empirical data, writing research results. Will explain and analyze various research methods and tools, both quantitative and qualitative.									
COM	ITS	ITS	6020	Policy and Regulation for ICT Networks	LEC	EL	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the major theoretical and legal issues and debates that have shaped the communication network industry. Students will examine issues of anti-trust, common carrier regulation, and public utility law and will examine their impact on market outcomes and policy goals. Also examines the impact of competition on the industry and its regulation.									
COM	ITS	ITS	6020	Policy and Regulation for ICT Networks	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the major theoretical and legal issues and debates that have shaped the communication network industry. Students will examine issues of anti-trust, common carrier regulation, and public utility law and will examine their impact on market outcomes and policy goals. Also examines the impact of competition on the industry and its regulation.									
COM	ITS	ITS	6030	Advanced Policy and Regulation for ICT Networks	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITS 6020							
		COURSE DESC:		An advance exploration of advanced topics in telecommunications policy and regulation in the United States. Emphasis will be on primary sources, e.g., FCC and State Public Utility Commission Orders, appellate court decisions, and other documents. This elective will build on the foundation provided by ITS 6020. Subject matter will include state and federal activity related to local competition, access charge reform, regulation of broadband services, and spectrum management.									
COM	ITS	ITS	6030	Advanced Policy and Regulation for ICT Networks	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITS 6020							
		COURSE DESC:		An advance exploration of advanced topics in telecommunications policy and regulation in the United States. Emphasis will be on primary sources, e.g., FCC and State Public Utility Commission Orders, appellate court decisions, and other documents. This elective will build on the foundation provided by ITS 6020. Subject matter will include state and federal activity related to local competition, access charge reform, regulation of broadband services, and spectrum management.									
COM	ITS	ITS	6090	Telecommunications and Economic Development	LEC	EL	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		An examination of economic development issues and potential telecommunications strategies to assist in solving development problems. The problems of less developed countries will be studied, as well as the potential impact of communication networks and services on development in undeveloped pockets of the developed world. Will also examine urban ills that exist in the developed areas of developed countries and will explore the potential role of communication networks to implement solutions to those urban ills. Will also explore the potential role of communication networks on the development of global markets in the service sector and the impact of this trend on both developed and less developed nations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	6090	Telecommunications and Economic Development	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		An examination of economic development issues and potential telecommunications strategies to assist in solving development problems. The problems of less developed countries will be studied, as well as the potential impact of communication networks and services on development in undeveloped pockets of the developed world. Will also examine urban ills that exist in the developed areas of developed countries and will explore the potential role of communication networks to implement solutions to those urban ills. Will also explore the potential role of communication networks on the development of global markets in the service sector and the impact of this trend on both developed and less developed nations.									
COM	ITS	ITS	6250	Information Networks	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the architecture of information networks and the applications built on this architecture. Students study the fundamental concepts of communication networks, switching techniques, transmission systems, protocols, and distributed applications. Voice, data, image and video communication networks are all addressed.									
COM	ITS	ITS	6250	Information Networks	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the architecture of information networks and the applications built on this architecture. Students study the fundamental concepts of communication networks, switching techniques, transmission systems, protocols, and distributed applications. Voice, data, image and video communication networks are all addressed.									
COM	ITS	ITS	6440	Strategic Issues in Information and Telecommunication Systems Technology and Policy	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ITS 6000 and 6020 and 6250						
		COURSE DESC:		Employs extensive readings and illustrative case studies in the analysis of the strategic concerns involved in the successful deployment of voice, data, image and information technologies and services within user organizations, service providers, and vendor enterprises. The successful deployment of these technologies and services requires an understanding of the interplay of an array of technical concerns, policy considerations, markets and human/social issues. Provides students with the opportunity to grasp the interplay of these concerns and issues through strategic assessment, lifecycle management, and information and telecommunication system procurement.									
COM	ITS	ITS	6440	Strategic Issues in Information and Telecommunication Systems Technology and Policy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ITS 6000 and 6020 and 6250						
		COURSE DESC:		Employs extensive readings and illustrative case studies in the analysis of the strategic concerns involved in the successful deployment of voice, data, image and information technologies and services within user organizations, service providers, and vendor enterprises. The successful deployment of these technologies and services requires an understanding of the interplay of an array of technical concerns, policy considerations, markets and human/social issues. Provides students with the opportunity to grasp the interplay of these concerns and issues through strategic assessment, lifecycle management, and information and telecommunication system procurement.									
COM	ITS	ITS	6790	Theory of Communication Networks	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ITS 6250						
		COURSE DESC:		Intensive study of communications networks organized by the layered protocol architecture model. Topics include transmission media, topology, and encoding; link-layer access methods, flow control and error detection; network addressing and routing; and end-to-end transport mechanisms. Special emphasis on traffic characterization, network performance, and network security. Suggested background includes probability and statistics; class involves extensive analysis and introduces simulation software tools.									
COM	ITS	ITS	6790	Theory of Communication Networks	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ITS 6250						
		COURSE DESC:		Intensive study of communications networks organized by the layered protocol architecture model. Topics include transmission media, topology, and encoding; link-layer access methods, flow control and error detection; network addressing and routing; and end-to-end transport mechanisms. Special emphasis on traffic characterization, network performance, and network security. Suggested background includes probability and statistics; class involves extensive analysis and introduces simulation software tools.									
COM	ITS	ITS	6900	Topical Seminar	LEC	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	ITS 6000 and 6020 and 6250						
		COURSE DESC:		CR, PR	A focused, in-depth analysis of a significant current communication policy concerns. Students conduct a literature search of the policy or technical issues surrounding the specific topic, develop a historical context for the issue under discussion, and produce a substantial paper analyzing an important aspect of the topic. Topics will be current issues in the industry.								
COM	ITS	ITS	6900	Topical Seminar	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	ITS 6000 and 6020 and 6250						
		COURSE DESC:		CR, PR	A focused, in-depth analysis of a significant current communication policy concerns. Students conduct a literature search of the policy or technical issues surrounding the specific topic, develop a historical context for the issue under discussion, and produce a substantial paper analyzing an important aspect of the topic. Topics will be current issues in the industry.								
COM	ITS	ITS	6930	Independent Study	IND	EL	1 to 4	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Independent study, supervised by faculty.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	ITS	6930	Independent Study	IND	IS	1 to 4	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study, supervised by faculty.									
COM	ITS	ITS	6935	Advanced Readings in Communication Technology and Policy	IND	EL	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Extensive reading, selected by the faculty, in preparation for the Comprehensive Exam. Readings will be assigned from the current research literature in the technical, public policy, and project management areas. Readings may also be drawn from established fundamental texts in these fields.									
COM	ITS	ITS	6935	Advanced Readings in Communication Technology and Policy	IND	IS	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Extensive reading, selected by the faculty, in preparation for the Comprehensive Exam. Readings will be assigned from the current research literature in the technical, public policy, and project management areas. Readings may also be drawn from established fundamental texts in these fields.									
COM	ITS	ITS	6940	Research in Communication Technology and Policy	RSC	RS	1 to 6	36		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Independent research on Communication Technology or Communication Policy issues.									
COM	ITS	ITS	6945	Professional Project	RSC	RS	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Requires students to complete an applied project, under the supervision of an advisor and a faculty committee, as a demonstration of the student's mastery of the skills and knowledge covered in the program. Required to complete the MCTP degree via the Professional Project option.									
COM	ITS	ITS	6950	Thesis	THE	TH	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Requires students to identify a problem or issue in the field, conduct relevant research, and write a thesis resulting from this work. The thesis provides students, working under the supervision of an advisor and a faculty committee, with an opportunity to demonstrate mastery of the field.									
COM	ITS	T3	4380	Women in the Information Age	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ITS 2140 or WGS 1000 or 6 hours Tier II Social Science) and Sr only									
		COURSE DESC:		Examines the effects of the "information age" on women's lives. Telephones, computers, and the Internet have revolutionized the way people work and live. These technologies have affected men and women differently, however. Discusses the information age and its impact on domestic and work life. It pays special attention to the relationship between women and two of the main information technologies: the telephone and the computer. The objective is to explore the ways in which these technologies have been "gendered". Also examines the role of women in relation to the telegraph, the typewriter, video games, the Internet, and other communication and information technologies.									
COM	ITS	T3	4380	Women in the Information Age	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ITS 2140 or WGS 1000 or 6 hours Tier II Social Science) and Sr only									
		COURSE DESC:		Examines the effects of the "information age" on women's lives. Telephones, computers, and the Internet have revolutionized the way people work and live. These technologies have affected men and women differently, however. Discusses the information age and its impact on domestic and work life. It pays special attention to the relationship between women and two of the main information technologies: the telephone and the computer. The objective is to explore the ways in which these technologies have been "gendered". Also examines the role of women in relation to the telegraph, the typewriter, video games, the Internet, and other communication and information technologies.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	1010	The Future of Media	DIS	DI	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if JOUR 1050 or MDIA 1010 or 1091							
		COURSE DESC:		An introduction to the role, function and future of mass media and strategic communication.									
COM	JOUR	JOUR	1010	The Future of Media	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if JOUR 1050 or MDIA 1010 or 1091							
		COURSE DESC:		An introduction to the role, function and future of mass media and strategic communication.									
COM	JOUR	JOUR	1010	The Future of Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if JOUR 1050 or MDIA 1010 or 1091							
		COURSE DESC:		An introduction to the role, function and future of mass media and strategic communication.									
COM	JOUR	JOUR	1050	Introduction to Mass Communication	LEC	EL	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if JOUR 1010 or MDIA 1091							
		COURSE DESC:		All forms of mass communication, including newspapers, magazines, broadcast, online, book publishing, public relations, advertising, and photojournalism. Analysis of communication process and media career opportunities.									
COM	JOUR	JOUR	1050	Introduction to Mass Communication	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if JOUR 1010 or MDIA 1091							
		COURSE DESC:		All forms of mass communication, including newspapers, magazines, broadcast, online, book publishing, public relations, advertising, and photojournalism. Analysis of communication process and media career opportunities.									
COM	JOUR	JOUR	1330	Precision Language for Journalists	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Intensive instruction grammar, punctuation, syntax, and usage in contexts designed especially for future journalists. Extensive attention to media examples.									
COM	JOUR	JOUR	1890	Journalism Workshop	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Workshop on selected topics of journalism and mass communication.									
COM	JOUR	JOUR	1890	Journalism Workshop	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		CR Workshop on selected topics of journalism and mass communication.									
COM	JOUR	JOUR	2050	News and Information Literacy	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Encourages critical analysis of media content with a focus on news and strategic communication. Examines historical, economic, social, and political contexts of media messages and forms, and introduces theoretical approaches for understanding media effects.									
COM	JOUR	JOUR	2050	News and Information Literacy	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Encourages critical analysis of media content with a focus on news and strategic communication. Examines historical, economic, social, and political contexts of media messages and forms, and introduces theoretical approaches for understanding media effects.									
COM	JOUR	JOUR	2150	Mass Media Writing Principles	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 1050 or MDIA 1091 or VICO 1000 and not JOUR major							
		COURSE DESC:		Overview of news journalism and strategic communication writing practices.									
COM	JOUR	JOUR	2150	Mass Media Writing Principles	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 1050 or MDIA 1091 or VICO 1000 and not JOUR major							
		COURSE DESC:		Overview of news journalism and strategic communication writing practices.									
COM	JOUR	JOUR	2210	Graphics of Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Creative and practical aspects of typography, layout, and design of printed communication.									
COM	JOUR	JOUR	2310	Introduction to Multiplatform Reporting and Writing	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2311							
		COURSE DESC:		Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	2310	Introduction to Multiplatform Reporting and Writing GEC1: A-F REQUISITE: Grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2311 COURSE DESC: Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.	LEC	LE	3	0		N	U30		75
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing GEC1: A-F REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 COURSE DESC: Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.	LAB	EL	3	0		N	U30		0
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing GEC1: A-F REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 COURSE DESC: Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.	LAB	LB	3	0		N	U30		0
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing GEC1: A-F REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 COURSE DESC: Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.	LEC	EL	3	0		N	U30		0
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing GEC1: A-F REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 COURSE DESC: Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.	LEC	LE	3	0		N	U30		0
COM	JOUR	JOUR	2500	Introduction to Advertising and Public Relations GEC1: A-F REQUISITE: Introduction to advertising and public relations and overview of related professions.	LEC	LE	3	0		N	U30		0
COM	JOUR	JOUR	2900	Special Topics in Journalism ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
COM	JOUR	JOUR	2900	Special Topics in Journalism ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
COM	JOUR	JOUR	2970T	Journalism Tutorial (Core Tutorial) ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.	TUT	TU	1 to 15	999		N	U30		0
COM	JOUR	JOUR	2971T	Journalism Tutorial (Core Tutorial) ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.	TUT	TU	1 to 15	999		N	U30		0
COM	JOUR	JOUR	2980T	Journalism Tutorial (Core Tutorial) ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.	TUT	TU	1 to 15	999		N	U30		0
COM	JOUR	JOUR	2981T	Journalism Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized advanced tutorial for HTC students only. Advanced tutorials focus on specialized issues, topics, and concepts of journalism.	TUT	TU	1 to 15	999		N	U30		0
COM	JOUR	JOUR	3100	Communication Law ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) and soph or higher COURSE DESC: Principles and case studies in communication law, constitutional guarantees, libel, privacy, contempt, privilege, copyright, and government regulatory agencies.	LEC	LE	3	0		N	U30		75
COM	JOUR	JOUR	3110	History of American Journalism ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) COURSE DESC: Development of newspaper, magazine, and broadcast journalism from colonial period to present. Social, political, economic, and mechanical aspects.	LEC	EL	3	0		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	3110	History of American Journalism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Development of newspaper, magazine, and broadcast journalism from colonial period to present. Social, political, economic, and mechanical aspects.									
COM	JOUR	JOUR	3140	Fundamentals of Online Journalism	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		PR	Selecting, editing, writing, and formatting content for Web-based media. Evaluating and criticizing online journalistic practices.								
COM	JOUR	JOUR	3200	Ethics, Mass Media, and Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) OR (JOUR Minor and JOUR 1050 and 2150) OR (BC5374 major) and soph or jr or sr							
		COURSE DESC:		Teaches social responsibility to journalists and other media communicators. Discusses professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures.									
COM	JOUR	JOUR	3310	Reporting Public Issues	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and JOUR major							
		COURSE DESC:		Learning to research, report, and write in-depth, interpretive, and analytical stories on current social problems and public affairs for print and online media.									
COM	JOUR	JOUR	3330	Editing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Preparing and packaging content for online and print media: proofreading, copy editing, headline and caption writing, editing photos and infographics, and layout.									
COM	JOUR	JOUR	3330	Editing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Preparing and packaging content for online and print media: proofreading, copy editing, headline and caption writing, editing photos and infographics, and layout.									
COM	JOUR	JOUR	3380	Graphics and Audiences	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Ways mass media visually target audiences having specific demographic and psychographic characteristics. Using images, color, and type. Includes some instruction in graphics software.									
COM	JOUR	JOUR	3380	Graphics and Audiences	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Ways mass media visually target audiences having specific demographic and psychographic characteristics. Using images, color, and type. Includes some instruction in graphics software.									
COM	JOUR	JOUR	3400	Advertising and Public Relations Research and Theory	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 270 or 2500							
		COURSE DESC:		Introduction to advertising and public relations theories and applied strategic communication research.									
COM	JOUR	JOUR	3400	Advertising and Public Relations Research and Theory	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 270 or 2500							
		COURSE DESC:		Introduction to advertising and public relations theories and applied strategic communication research.									
COM	JOUR	JOUR	3500	Radio and Television Reporting and Writing	LEC	LE	3	0	1JE	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311) OR (JOUR Minor and JOUR 1050 and 2150)							
		COURSE DESC:		Development of writing and reporting skills for audio and video news.									
COM	JOUR	JOUR	3620	Community Journalism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Journalistic and business principles and practices specific to community media.									
COM	JOUR	JOUR	3620	Community Journalism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)							
		COURSE DESC:		Journalistic and business principles and practices specific to community media.									
COM	JOUR	JOUR	3630	Reviewing and Criticism	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and JOUR major							
		COURSE DESC:		Written criticism of fine and popular arts. Special role of critic who serves both as reporter and evaluator of artistic works for lay audience.									
COM	JOUR	JOUR	3630	Reviewing and Criticism	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and JOUR major							
		COURSE DESC:		Written criticism of fine and popular arts. Special role of critic who serves both as reporter and evaluator of artistic works for lay audience.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	3700	Advertising and Public Relations Writing	LEC	LE	3	0	1JE	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and C or better in ((JOUR 231A and 233) or (231 and 233) or (2310 or 2311) and (270 or 2500) and 3400 and Soph or Jr or Sr							
		COURSE DESC:		Focuses on writing and techniques for advertising and public relations. Will consider uncontrolled and controlled media.									
COM	JOUR	JOUR	3750	Advertising Media Planning and Buying	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JOUR 270 or 2500) and 3400							
		COURSE DESC:		Strategy, techniques, and problems of planning and buying media. Learning use of syndicated sources of media information.									
COM	JOUR	JOUR	3750	Advertising Media Planning and Buying	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JOUR 270 or 2500) and 3400							
		COURSE DESC:		Strategy, techniques, and problems of planning and buying media. Learning use of syndicated sources of media information.									
COM	JOUR	JOUR	3920	Reporting Practice	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311							
		COURSE DESC:		CR Students develop news stories as assigned by news source.									
COM	JOUR	JOUR	3921	Editing Practice	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	JOUR 3330							
		COURSE DESC:		CR Copyediting, working with local reporters, dealing with wire copy, and page layouts.									
COM	JOUR	JOUR	3922	Broadcast News Practice	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	JOUR 350 or 352 or 3500							
		COURSE DESC:		CR Preparation of news for broadcast. Students serve as assistants in newsroom of WOUB-AM, FM, TV or, by special arrangement and permission, in other station newsrooms.									
COM	JOUR	JOUR	3970T	Journalism Tutorial (Advanced Tutorial)	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		CR, PR Individualized advanced tutorial for HTC students only. Advanced tutorials focus on specialized issues, topics, and concepts of journalism.									
COM	JOUR	JOUR	3980T	Journalism Tutorial (Research)	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC							
		COURSE DESC:		CR, PR Individualized research tutorial for HTC students only. This tutorial prepares students to pursue research for their honors thesis and guides them through the process of finding a topic, an advisor, and necessary resources for the thesis.									
COM	JOUR	JOUR	4001X	Semester in D.C.: Covering D.C.	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR A seminar exploring how media covers Washington, D.c. events and influences. Students will meet with industry professionals and analyze various media outlets and communication-related operations of government.									
COM	JOUR	JOUR	4002X	Semester in D.C.: Communication Business	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR A seminar exploring the economics of communication businesses with particular attention to the Washington, D.C. area. Students will engage with professionals and analysts of the business side of communication.									
COM	JOUR	JOUR	4003X	Semester in D.C.: Data Reporting and Use	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR A seminar exploring how data is gathered and used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government utilize data.									
COM	JOUR	JOUR	4007X	Semester in D.C.: Strategic Communication	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR A seminar exploring the role of strategic communication in Washington, D.CI. Students will meet with industry professionals and analyze various strategic communication operations in the private and public sectors.									
COM	JOUR	JOUR	4008X	Semester in D.C.: Broadcast in the Capital	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR A seminar exploring the role of broadcast communication in Washington, D.C. Students will meet with industry professionals and analyze various broadcast communication operations in the private and public sectors.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4130	Gender, Race, and Class in Journalism and Mass Media	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and 18 hours in JOUR and Sr only									
		COURSE DESC:		Explores the situation of women and minorities in newspapers, broadcast, online journalism, magazine journalism, PR, and advertising. It looks at issues of diversity on the level of both the production and the consumption of journalistic content, as well as the content itself.									
COM	JOUR	JOUR	4150	Environmental and Science Journalism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311 or 2150)									
		COURSE DESC:		Provides students with practical and conceptual skills of environmental and science journalism, based on an interdisciplinary approach and experiential learning through field trips and workshops. It also practices the ability to translate complex issues into everyday language without oversimplifying.									
COM	JOUR	JOUR	4150	Environmental and Science Journalism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311 or 2150)									
		COURSE DESC:		Provides students with practical and conceptual skills of environmental and science journalism, based on an interdisciplinary approach and experiential learning through field trips and workshops. It also practices the ability to translate complex issues into everyday language without oversimplifying.									
COM	JOUR	JOUR	4180	Digital Information and Innovation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) and JOUR 3140									
		COURSE DESC:		A problem-solving approach to creation and management of interactive features; evaluating effectiveness of websites; and strategies and problems of site development.									
COM	JOUR	JOUR	4180	Digital Information and Innovation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) and JOUR 3140									
		COURSE DESC:		A problem-solving approach to creation and management of interactive features; evaluating effectiveness of websites; and strategies and problems of site development.									
COM	JOUR	JOUR	4190	Legal Issues of Online Journalism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3100									
		COURSE DESC:		Legal issues as they apply to online journalism.									
COM	JOUR	JOUR	4190	Legal Issues of Online Journalism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3100									
		COURSE DESC:		Legal issues as they apply to online journalism.									
COM	JOUR	JOUR	4230	International and Cross-Cultural Advertising	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 270 or 2500 and 15 hours in JOUR and Sr only									
		COURSE DESC:		International and cross-cultural advertising concepts, strategies, and executions. Sociocultural, political-legal, economic, and technological issues surrounding advertising practice in today's global and multicultural environment.									
COM	JOUR	JOUR	4300	Magazine Editing and Production	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)									
		COURSE DESC:		Theory and techniques of magazine editing and production, including analysis of magazine industry and of specific magazines and audiences they serve. Editorial objectives and formulas, issue planning, article selection, layout, illustration, typography, printing, and distribution.									
COM	JOUR	JOUR	4300	Magazine Editing and Production	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311)									
		COURSE DESC:		Theory and techniques of magazine editing and production, including analysis of magazine industry and of specific magazines and audiences they serve. Editorial objectives and formulas, issue planning, article selection, layout, illustration, typography, printing, and distribution.									
COM	JOUR	JOUR	4320	Specialized Business Media	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		In-depth study of professional, business, industrial, and technical magazines. Discussion of all types of publishing problems.									
COM	JOUR	JOUR	4320	Specialized Business Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		In-depth study of professional, business, industrial, and technical magazines. Discussion of all types of publishing problems.									
COM	JOUR	JOUR	4350	Advanced Editing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3330									
		COURSE DESC:		Advanced management and production of content for journalistic media.									
COM	JOUR	JOUR	4350	Advanced Editing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3330									
		COURSE DESC:		Advanced management and production of content for journalistic media.									

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COM	JOUR	JOUR	4390	Business Reporting	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or Better in (JOUR 2310 or 2311 or 2150)									
				Mastering the techniques surrounding business reporting and writing. Students will gain an understanding of capitalism, the economic, financial and societal forces governing for-profit enterprises and the role journalists play in the global marketplace.									
COM	JOUR	JOUR	4390	Business Reporting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or Better in (JOUR 2310 or 2311 or 2150)									
				Mastering the techniques surrounding business reporting and writing. Students will gain an understanding of capitalism, the economic, financial and societal forces governing for-profit enterprises and the role journalists play in the global marketplace.									
COM	JOUR	JOUR	4410J	Magazine Feature Writing	LEC	EL	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2310 or 2311) and (JR or SR)									
				Writing, researching, and marketing factual magazine feature articles of various types. Reading exemplary magazine articles. Finding subjects, securing photographs, writing articles, and surveying markets.									
COM	JOUR	JOUR	4410J	Magazine Feature Writing	LEC	LE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2310 or 2311) and (JR or SR)									
				Writing, researching, and marketing factual magazine feature articles of various types. Reading exemplary magazine articles. Finding subjects, securing photographs, writing articles, and surveying markets.									
COM	JOUR	JOUR	4420	Advanced Magazine Feature Writing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 4410J									
				Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	JOUR	4420	Advanced Magazine Feature Writing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 4410J									
				Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	JOUR	4450	Creative Concepts	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 2500 and 3400 and 3700									
				Focuses on how to create an integrated communication idea that works in all types of media. Students will analyze and critique ideas for how well the ideas reflect strategy, the boldness of the creative concepts and ways to improve the execution of the ideas.									
COM	JOUR	JOUR	4450	Creative Concepts	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 2500 and 3400 and 3700									
				Focuses on how to create an integrated communication idea that works in all types of media. Students will analyze and critique ideas for how well the ideas reflect strategy, the boldness of the creative concepts and ways to improve the execution of the ideas.									
COM	JOUR	JOUR	4490	Economics Reporting	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2310 or 2311)									
				Mastering the techniques surrounding how to cover Wall Street and the economy. Special attention will be given to markets (stocks, bonds), the Federal Reserve and understanding the business cycle. Students will research and write stories requiring them to make sense of government statistics such as retail sales, inflation, housing starts, and unemployment claims.									
COM	JOUR	JOUR	4490	Economics Reporting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2310 or 2311)									
				Mastering the techniques surrounding how to cover Wall Street and the economy. Special attention will be given to markets (stocks, bonds), the Federal Reserve and understanding the business cycle. Students will research and write stories requiring them to make sense of government statistics such as retail sales, inflation, housing starts, and unemployment claims.									
COM	JOUR	JOUR	4510	Corporate Social Responsibility	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 2500 and 3400 and 3700									
				Focuses on understanding corporate social responsibility programs -- what they entail, their role in business and society, their geographic and functional scope, current issues, business ethics and regulations, and specific programs of various industries and companies. Also examines the social and environmental context for current corporate social responsibility programs by considering current social and environmental issues in the U.S. and abroad.									
COM	JOUR	JOUR	4510	Corporate Social Responsibility	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: JOUR 2500 and 3400 and 3700									
				Focuses on understanding corporate social responsibility programs -- what they entail, their role in business and society, their geographic and functional scope, current issues, business ethics and regulations, and specific programs of various industries and companies. Also examines the social and environmental context for current corporate social responsibility programs by considering current social and environmental issues in the U.S. and abroad.									
COM	JOUR	JOUR	4520	Radio and Television Producing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2310 or 2311) and JOUR 3500									
				Learning the art and science of bringing together all elements of radio, television, and online news programming.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4530	Strategic Social Media	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (JOUR 2500 and 3400) or (JOUR minor and JOUR 1050 and 2150)									
				Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	JOUR	4530	Strategic Social Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (JOUR 2500 and 3400) or (JOUR minor and JOUR 1050 and 2150)									
				Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	JOUR	4630	Media and Conflicts	SEM	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores media coverage of conflicts and crises, including how conflicts and crises occur and how they are mediated, peace journalism, securitization, and conflict management.									
COM	JOUR	JOUR	4630	Media and Conflicts	SEM	SE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores media coverage of conflicts and crises, including how conflicts and crises occur and how they are mediated, peace journalism, securitization, and conflict management.									
COM	JOUR	JOUR	4650	Opinion Writing	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ((JOUR 231A and 233) or (231 and 233) or (2310 or 2311) and JOUR major) or (JOUR minor and JOUR 1050 and 2150)									
				Analysis of content, selection, and presentation of opinion in print and online media. Study of columnists, past and present, with extensive writing of analytical and persuasive editorials and columns.									
COM	JOUR	JOUR	4650	Opinion Writing	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ((JOUR 231A and 233) or (231 and 233) or (2310 or 2311) and JOUR major) or (JOUR minor and JOUR 1050 and 2150)									
				Analysis of content, selection, and presentation of opinion in print and online media. Study of columnists, past and present, with extensive writing of analytical and persuasive editorials and columns.									
COM	JOUR	JOUR	4660	International Mass Media	LEC	EL	3	0	3	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ((C or better in (JOUR 2310 or 2311) or BC5374) and Sr									
				Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news throughout the world.									
COM	JOUR	JOUR	4660	International Mass Media	LEC	LE	3	0	3	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ((C or better in (JOUR 2310 or 2311) or BC5374) and Sr									
				Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news throughout the world.									
COM	JOUR	JOUR	4670	Foreign Correspondence	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
				Role of foreign correspondent in news gathering. History, scope, and techniques for reporting news from around the world.									
COM	JOUR	JOUR	4670	Foreign Correspondence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
				Role of foreign correspondent in news gathering. History, scope, and techniques for reporting news from around the world.									
COM	JOUR	JOUR	4700	Sportswriting	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and JOUR major									
				Learning sports reporting from the field to the locker room--from the stats to the stories.									
COM	JOUR	JOUR	4700	Sportswriting	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and JOUR major									
				Learning sports reporting from the field to the locker room--from the stats to the stories.									
COM	JOUR	JOUR	4710	Public Relations Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Using contemporary case studies, all aspects of public relations are studied and analyzed in group discussions and written projects.									
COM	JOUR	JOUR	4790	Data Journalism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2311 or 2310)									
				Class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.									
COM	JOUR	JOUR	4790	Data Journalism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (JOUR 2311 or 2310)									
				Class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4810	News Media Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311) OR (JOUR Minor and JOUR 1050 and 2150)									
		COURSE DESC:		Leadership, finance, and planning skills required to manage the business side of a media firm. Attention will be given to the various systems used to produce a finished product.									
COM	JOUR	JOUR	4810	News Media Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311) OR (JOUR Minor and JOUR 1050 and 2150)									
		COURSE DESC:		Leadership, finance, and planning skills required to manage the business side of a media firm. Attention will be given to the various systems used to produce a finished product.									
COM	JOUR	JOUR	4820	Strategic Communication Management for Advertising and PR Professionals	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focuses on how to manage a strategic communication account.									
COM	JOUR	JOUR	4820	Strategic Communication Management for Advertising and PR Professionals	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focuses on how to manage a strategic communication account.									
COM	JOUR	JOUR	4840	Supervising School Publications	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in JOUR									
		COURSE DESC:		For prospective advisors of school newspapers, yearbooks, magazines, and other publications. Purposes and functions, legal aspects, staff selection, content, copy, layout, production, printing, advertising, photography, and business.									
COM	JOUR	JOUR	4840	Supervising School Publications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in JOUR									
		COURSE DESC:		For prospective advisors of school newspapers, yearbooks, magazines, and other publications. Purposes and functions, legal aspects, staff selection, content, copy, layout, production, printing, advertising, photography, and business.									
COM	JOUR	JOUR	4850	Journalism in the Secondary School Curriculum	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in JOUR									
		COURSE DESC:		Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.									
COM	JOUR	JOUR	4850	Journalism in the Secondary School Curriculum	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in JOUR									
		COURSE DESC:		Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.									
COM	JOUR	JOUR	4860	Advertising and Public Relations Capstone	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 270 or 2500) and 3400 and 3700 and Sr									
		COURSE DESC:		Capstone in Strategic Communication track to provide thorough understanding of basic elements of advertising and public relations campaigns. Includes creation of campaign.									
COM	JOUR	JOUR	4870	News and Information Capstone	LEC	LE	3	0	3	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 3 Courses from (JOUR 3140 or 3310 or 3330 or 3500 or 4300 or 4410J or 4790 or 4920 or 4921) and Sr only									
		COURSE DESC:		This capstone, for the News and Information track, will be multimedia project-based that will synthesize information gathering, critical thinking, writing and production, and research and theory skills gained throughout the curriculum.									
COM	JOUR	JOUR	4900	Special Issues and Topics in Journalism	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Advanced issues-related topics in journalism and mass communication. Combines theoretical and historical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	4900	Special Issues and Topics in Journalism	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Advanced issues-related topics in journalism and mass communication. Combines theoretical and historical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	4901	Topical Journalism	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Lecture and hands-on skills approach to the study of topical areas of journalism practice of special interest to students. Topics selected by instructor.									
COM	JOUR	JOUR	4901	Topical Journalism	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Lecture and hands-on skills approach to the study of topical areas of journalism practice of special interest to students. Topics selected by instructor.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4910	Internship	INT	IN	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required before beginning internship									
		COURSE DESC:		Students gain practical experience in media and strategic communication fields under supervision of industry professionals.									
COM	JOUR	JOUR	4920	Advanced Multimedia Reporting Practicum	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3140 and ((3310 or 3500 or (350 and 352))									
		COURSE DESC:		Reporting experience producing stories for broadcast and/or print, and online media. Working under real deadlines producing material for existing professional media outlets.									
COM	JOUR	JOUR	4921	Advanced Multimedia News Editing Practicum	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 3140 and 3330									
		COURSE DESC:		Editing, design and layout experience for broadcast and/or print, and online media. Working under real deadlines producing material for existing professional media outlets.									
COM	JOUR	JOUR	4922	Seminar in Broadcast News	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Discussion of issues and problems: operational, social, economic, legal, and ethical, faced by broadcast and electronic media journalists.									
COM	JOUR	JOUR	4923	Seminar in Online Journalism	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) OR BC5374									
		COURSE DESC:		Introduction to ethical, theoretical, and societal issues of the Internet and online journalism. Digital divide and diversity, social impact of the Internet, and communicators' new roles in a globally networked society.									
COM	JOUR	JOUR	4923	Seminar in Online Journalism	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) OR BC5374									
		COURSE DESC:		Introduction to ethical, theoretical, and societal issues of the Internet and online journalism. Digital divide and diversity, social impact of the Internet, and communicators' new roles in a globally networked society.									
COM	JOUR	JOUR	4926X	Semester in D.C.: Practicum	SEM	SE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A ten-week practicum in an area of concentration with an employer in the Washington, D.c. area. Students will work under the direct supervision of professionals in a work environment to gain experience and will be monitored by a faculty member.									
COM	JOUR	JOUR	4930	Independent Study	IND	EL	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Written proposal									
		COURSE DESC:		Content varies.									
COM	JOUR	JOUR	4930	Independent Study	IND	IS	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Written proposal									
		COURSE DESC:		Content varies.									
COM	JOUR	JOUR	4940	Research in Journalism and Communications	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: (JOUR 231A and 233) or (231 and 233) or 2310 or 2311									
		COURSE DESC:		Topical independent research in journalism and mass communications.									
COM	JOUR	JOUR	4970T	Journalism Tutorial (Thesis Tutorial)	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Individualized thesis tutorial for HTC students only. This tutorial guides students through the research and writing process of their honors thesis.									
COM	JOUR	JOUR	4980T	Journalism Tutorial (Thesis Tutorial)	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Individualized thesis tutorial for HTC students only. This tutorial guides students through the research and writing process of their honors thesis.									
COM	JOUR	JOUR	5001X	Semester in D.C.: Covering D.C.	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A seminar exploring how media covers Washington, D.C. events and influences. Students will meet with industry professionals and analyze various media outlets and communication-related operations of government.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5002X	Semester in D.C.: Communication Business	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required		CR, PR							
		COURSE DESC:		A seminar exploring the economics of communication businesses with particular attention to the Washington, D.C. area. Students will engage with professionals and analysts of the business side of communication.									
COM	JOUR	JOUR	5003X	Semester in D.C.: Data Reporting and Use	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required		CR, PR							
		COURSE DESC:		A seminar exploring how data is gathered and used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government utilize data.									
COM	JOUR	JOUR	5007X	Semester in D.C.: Strategic Communication	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required		CR, PR							
		COURSE DESC:		A seminar exploring the role of strategic communication in Washington, D.C. Students will meet with industry professionals and analyze various strategic communication operations in the private and public sectors.									
COM	JOUR	JOUR	5008X	Semester in D.C.: Broadcast in the Capital	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required		CR, PR							
		COURSE DESC:		A seminar exploring the role of broadcast communication in Washington, D.C. Students will meet with industry professionals and analyze various broadcast communication operations in the private and public sectors.									
COM	JOUR	JOUR	5010	Introduction to Graduate Study	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:		PR, F							
		COURSE DESC:		Introduction to graduate study at Ohio University, required of all new graduate students.									
COM	JOUR	JOUR	5020	Thesis Proposal	TUT	TU	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:		PR, F							
		COURSE DESC:		Work with a professor to research, write, and defend a masters thesis proposal or professional project proposal. Student must enroll in second semester of masters program.									
COM	JOUR	JOUR	5100	Communication Law	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:		CR, PR							
		COURSE DESC:		Principles and case studies in communication law, constitutional guarantees, libel, privacy, contempt, privilege, copyright, and government regulatory agencies.									
COM	JOUR	JOUR	5130	Gender, Race, and Class in Journalism and Mass Media	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the situation of women and minorities in newspapers, broadcast, online journalism, magazine journalism, PR, and advertising. It looks at issues of diversity on the level of both the production and the consumption of journalistic content, as well as the content itself.									
COM	JOUR	JOUR	5140	Fundamentals of Online Journalism	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:		PR							
		COURSE DESC:		Selecting, editing, writing, and formatting content for Web-based media. Evaluating and criticizing online journalistic practices.									
COM	JOUR	JOUR	5150	Environmental and Science Journalism	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides students with practical and conceptual skills of environmental and science journalism, based on an interdisciplinary approach and experiential learning through field trips and workshops. It also practices the ability to translate complex issues into everyday language without oversimplifying.									
COM	JOUR	JOUR	5150	Environmental and Science Journalism	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides students with practical and conceptual skills of environmental and science journalism, based on an interdisciplinary approach and experiential learning through field trips and workshops. It also practices the ability to translate complex issues into everyday language without oversimplifying.									
COM	JOUR	JOUR	5180	Digital Information and Innovation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		A problem-solving approach to creation and management of interactive features; evaluating effectiveness of websites; and strategies and problems of site development.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5180	Digital Information and Innovation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				A problem-solving approach to creation and management of interactive features; evaluating effectiveness of websites; and strategies and problems of site development.									
COM	JOUR	JOUR	5190	Legal Issues of Online Journalism	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Legal issues as they apply to online journalism.									
COM	JOUR	JOUR	5190	Legal Issues of Online Journalism	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Legal issues as they apply to online journalism.									
COM	JOUR	JOUR	5230	International and Cross-Cultural Advertising	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				International and cross-cultural advertising concepts, strategies, and executions. Sociocultural, political-legal, economic, and technological issues surrounding advertising practice in today's global and multicultural environment.									
COM	JOUR	JOUR	5300	Magazine Editing and Production	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				Theory and techniques of magazine editing and production, including analysis of magazine industry and of specific magazines and audiences they serve. Editorial objectives and formulas, issue planning, article selection, layout, illustration, typography, printing, and distribution.									
COM	JOUR	JOUR	5300	Magazine Editing and Production	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				Theory and techniques of magazine editing and production, including analysis of magazine industry and of specific magazines and audiences they serve. Editorial objectives and formulas, issue planning, article selection, layout, illustration, typography, printing, and distribution.									
COM	JOUR	JOUR	5310	Reporting Public Issues	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Learning to research, report, and write in-depth, interpretive, and analytical stories on current social problems and public affairs for print and online media.									
COM	JOUR	JOUR	5320	Specialized Business Media	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				In-depth study of professional, business, industrial, and technical magazines. Discussion of all types of publishing problems.									
COM	JOUR	JOUR	5320	Specialized Business Media	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				In-depth study of professional, business, industrial, and technical magazines. Discussion of all types of publishing problems.									
COM	JOUR	JOUR	5350	Advanced Editing	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Advanced management and production of content for journalistic media.									
COM	JOUR	JOUR	5350	Advanced Editing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Advanced management and production of content for journalistic media.									
COM	JOUR	JOUR	5380	Graphics and Audiences	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Ways mass media visually target audiences having specific demographic and psychographic characteristics. Using images, color, and type. Includes some instruction in graphics software.									
COM	JOUR	JOUR	5380	Graphics and Audiences	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Ways mass media visually target audiences having specific demographic and psychographic characteristics. Using images, color, and type. Includes some instruction in graphics software.									
COM	JOUR	JOUR	5390	Business Reporting	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				Mastering the techniques surrounding business reporting and writing. Students will gain an understanding of capitalism, the economic, financial and societal forces governing for-profit enterprises and the role journalists play in the global marketplace.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5390	Business Reporting	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Mastering the techniques surrounding business reporting and writing. Students will gain an understanding of capitalism, the economic, financial and societal forces governing for-profit enterprises and the role journalists play in the global marketplace.									
COM	JOUR	JOUR	5400	Advertising and Public Relations Theory and Research	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to strategic communication theories and applied research in advertising and public relations.									
COM	JOUR	JOUR	5400	Advertising and Public Relations Theory and Research	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to strategic communication theories and applied research in advertising and public relations.									
COM	JOUR	JOUR	5410	Magazine Feature Writing	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Writing, researching, and marketing factual magazine feature articles of various types. Reading exemplary magazine articles. Finding subjects, securing photographs, writing articles, and surveying markets.									
COM	JOUR	JOUR	5410	Magazine Feature Writing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Writing, researching, and marketing factual magazine feature articles of various types. Reading exemplary magazine articles. Finding subjects, securing photographs, writing articles, and surveying markets.									
COM	JOUR	JOUR	5420	Advanced Magazine Feature Writing	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	JOUR	5420	Advanced Magazine Feature Writing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	JOUR	5490	Economics Reporting	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Mastering the techniques surrounding how to cover Wall Street and the economy. Special attention will be given to markets (stocks, bonds), the Federal Reserve and understanding the business cycle. Students will research and write stories requiring them to make sense of government statistics such as retail sales, inflation, housing starts, and unemployment claims.									
COM	JOUR	JOUR	5490	Economics Reporting	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Mastering the techniques surrounding how to cover Wall Street and the economy. Special attention will be given to markets (stocks, bonds), the Federal Reserve and understanding the business cycle. Students will research and write stories requiring them to make sense of government statistics such as retail sales, inflation, housing starts, and unemployment claims.									
COM	JOUR	JOUR	5500	Radio and Television Reporting and Writing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Development of writing and reporting skills for audio and video news.									
COM	JOUR	JOUR	5510	Corporate Social Responsibility	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on understanding corporate social responsibility programs -- what they entail, their role in business and society, their geographic and functional scope, current issues, business ethics and regulations, and specific programs of various industries and companies. Also examines the social and environmental context for current corporate social responsibility programs by considering current social and environmental issues in the U.S. and abroad.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5510	Corporate Social Responsibility	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Focuses on understanding corporate social responsibility programs -- what they entail, their role in business and society, their geographic and functional scope, current issues, business ethics and regulations, and specific programs of various industries and companies. Also examines the social and environmental context for current corporate social responsibility programs by considering current social and environmental issues in the U.S. and abroad.									
COM	JOUR	JOUR	5520	Radio and Television Producing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Learning the art and science of bringing together all elements of radio, television, and online news programming.									
COM	JOUR	JOUR	5530	Strategic Social Media	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	JOUR	5530	Strategic Social Media	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	JOUR	5630	Media and Conflicts	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores media coverage of conflicts and crises, including how conflicts and crises occur and how they are mediated, peace journalism, securitization, and conflict management.									
COM	JOUR	JOUR	5630	Media and Conflicts	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores media coverage of conflicts and crises, including how conflicts and crises occur and how they are mediated, peace journalism, securitization, and conflict management.									
COM	JOUR	JOUR	5650	Opinion Writing	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Analysis of content, selection, and presentation of opinion in print and online media. Study of columnists, past and present, with extensive writing of analytical and persuasive editorials and columns.									
COM	JOUR	JOUR	5650	Opinion Writing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Analysis of content, selection, and presentation of opinion in print and online media. Study of columnists, past and present, with extensive writing of analytical and persuasive editorials and columns.									
COM	JOUR	JOUR	5660	International Mass Media	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news throughout the world.									
COM	JOUR	JOUR	5660	International Mass Media	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news throughout the world.									
COM	JOUR	JOUR	5670	Foreign Correspondence	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Role of foreign correspondent in news gathering. History, scope, and techniques for reporting news from around the world.									
COM	JOUR	JOUR	5670	Foreign Correspondence	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Role of foreign correspondent in news gathering. History, scope, and techniques for reporting news from around the world.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5700	Sportswriting	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Learning sports reporting from the field to the locker room--from the stats to the stories.									
COM	JOUR	JOUR	5700	Sportswriting	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Learning sports reporting from the field to the locker room--from the stats to the stories.									
COM	JOUR	JOUR	5710	Public Relations Planning	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Using contemporary case studies, all aspects of public relations are studied and analyzed in group discussions and written projects.								
COM	JOUR	JOUR	5790	Data Journalism	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.									
COM	JOUR	JOUR	5790	Data Journalism	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.									
COM	JOUR	JOUR	5810	News Media Management	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Leadership, finance, and planning skills required to manage the business side of a media firm. Attention will be given to the various systems used to produce a finished product.									
COM	JOUR	JOUR	5810	News Media Management	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Leadership, finance, and planning skills required to manage the business side of a media firm. Attention will be given to the various systems used to produce a finished product.									
COM	JOUR	JOUR	5820	Strategic Communication Management for Advertising and PR Professionals	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Focuses on how to manage a strategic communication account.								
COM	JOUR	JOUR	5820	Strategic Communication Management for Advertising and PR Professionals	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	Focuses on how to manage a strategic communication account.								
COM	JOUR	JOUR	5840	Supervising School Publications	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	For prospective advisers of school newspapers, yearbooks, magazines, and other publications. Purposes and functions, legal aspects, staff selection, content, copy, layout, production, printing, advertising, photography, and business.								
COM	JOUR	JOUR	5840	Supervising School Publications	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	For prospective advisers of school newspapers, yearbooks, magazines, and other publications. Purposes and functions, legal aspects, staff selection, content, copy, layout, production, printing, advertising, photography, and business.								
COM	JOUR	JOUR	5850	Journalism in the Secondary School Curriculum	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.								
COM	JOUR	JOUR	5850	Journalism in the Secondary School Curriculum	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5860	Advertising and Public Relations Capstone	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Capstone in Strategic Communication track to provide thorough understanding of basic elements of advertising and public relations campaigns. Includes creation of campaign.									
COM	JOUR	JOUR	5870	News and Information Capstone	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This capstone, for the News and Information track, will be multimedia project-based that will synthesize information gathering, critical thinking, writing and production, and research and theory skills gained throughout the curriculum.									
COM	JOUR	JOUR	5900	Special Issues and Topics in Journalism	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced issues-related topics in journalism and mass communication. Combines theoretical and historical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	5900	Special Issues and Topics in Journalism	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Advanced issues-related topics in journalism and mass communication. Combines theoretical and historical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	5901	Topical Journalism	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lecture and hands-on skills approach to the study of topical areas of journalism practice of special interest to students. Topics selected by instructor.									
COM	JOUR	JOUR	5901	Topical Journalism	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Lecture and hands-on skills approach to the study of topical areas of journalism practice of special interest to students. Topics selected by instructor.									
COM	JOUR	JOUR	5920	Advanced Multimedia Reporting Practicum	PRA	PR	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Reporting experience producing stories for broadcast and/or print, and online media. Working under real deadlines producing material for existing professional media outlets.									
COM	JOUR	JOUR	5921	Advanced Multimedia News Editing Practicum	PRA	PR	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Editing, design and layout experience for broadcast and/or print, and online media. Working under real deadlines producing material for existing professional media outlets.									
COM	JOUR	JOUR	5922	Seminar in Broadcast News	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discussion of issues and problems: operational, social, economic, legal, and ethical, faced by broadcast and electronic media journalists.									
COM	JOUR	JOUR	5923	Seminar in Online Journalism	SEM	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Introduction to ethical, theoretical, and societal issues of the Internet and online journalism. Digital divide and diversity, social impact of the Internet, and communicators' new roles in a globally networked society.									
COM	JOUR	JOUR	5923	Seminar in Online Journalism	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Introduction to ethical, theoretical, and societal issues of the Internet and online journalism. Digital divide and diversity, social impact of the Internet, and communicators' new roles in a globally networked society.									
COM	JOUR	JOUR	5926X	Semester in D.C.: Practicum	SEM	SE	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR A ten-week practicum in an area of concentration with an employer in the Washington, D.c. area. Students will work under the direct supervision of professionals in a work environment to gain experience and will be monitored by a faculty member.									
COM	JOUR	JOUR	6010	Graphics and Editing	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Creative and practical aspects of typography, layout, and design of multimedia communication. Copywriting, headline writing, news selection, and layout of news material.									
COM	JOUR	JOUR	6010	Graphics and Editing	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Creative and practical aspects of typography, layout, and design of multimedia communication. Copywriting, headline writing, news selection, and layout of news material.									

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COURSE LISTING
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COM	JOUR	JOUR	6011	Writing and Reporting	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Methods of gathering and evaluating news and writing typical news stories. Practice work in covering assignments and preparing copy. Does not count toward MS or PHD degree requirements.									
COM	JOUR	JOUR	6011	Writing and Reporting	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Methods of gathering and evaluating news and writing typical news stories. Practice work in covering assignments and preparing copy. Does not count toward MS or PHD degree requirements.									
COM	JOUR	JOUR	6650	Professional Project	TUT	TU	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Professional project for students not choosing to do a thesis. Requires a research chapter.									
COM	JOUR	JOUR	6750	Readings	TUT	TU	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F In-depth analysis of readings related to mass communication. Fulfills part of Readings capstone option requirements.									
COM	JOUR	JOUR	6890	Journalism Workshop	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Workshop on selected topics of journalism and mass communication.									
COM	JOUR	JOUR	6890	Journalism Workshop	PRA	PR	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Workshop on selected topics of journalism and mass communication.									
COM	JOUR	JOUR	6900	Special Topics in Journalism	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	JOUR	JOUR	6900	Special Topics in Journalism	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	JOUR	JOUR	6910	Graduate Internship	INT	IN	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Practical experience at an approved professional media or research outlet.									
COM	JOUR	JOUR	6940	Research in Journalism and Communications	RSC	RS	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Topical independent research in journalism and mass communications.									
COM	JOUR	JOUR	6950	Thesis	THE	TH	1 to 9	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Thesis research.									
COM	JOUR	JOUR	7200	Ethics, Mass Media, and Society	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teaches social responsibility to journalists and other media communicators. Discusses professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures.									
COM	JOUR	JOUR	7200	Ethics, Mass Media, and Society	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teaches social responsibility to journalists and other media communicators. Discusses professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	7900	Seminar in Special Topics	SEM	EL	3	9		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced topics in journalism and mass communication. Combines theoretical and practical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	7900	Seminar in Special Topics	SEM	SE	3	9		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced topics in journalism and mass communication. Combines theoretical and practical knowledge to provide an in-depth examination of a topic selected by the instructor.									
COM	JOUR	JOUR	7930	Independent Study	IND	EL	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Content varies.									
COM	JOUR	JOUR	7930	Independent Study	IND	IS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Content varies.									
COM	JOUR	JOUR	7950	Journalism Teaching Seminar	SEM	SE	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:							
		COURSE DESC:		PR, F Study of teaching theories and methods applicable to those teaching in the journalism and mass communication field. (Note: PHD students and MSJ students who teach, sign up for 7950 in their first semester of teaching. PHDs who are Scripps Howard Teaching Fellows sign up for three consecutive semesters of 7950.)									
COM	JOUR	JOUR	8030	Seminar in Mass Communication Theory	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Mass communication processes, structures, functions, and practices, including descriptions, explanations, and predictions of each. Review and synthesis of literature from major paradigms in the field, including administrative, critical, and cultural. Ontological, epistemological, and methodological assumptions and limitations across the field of study.									
COM	JOUR	JOUR	8060	Research Methods	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Techniques for study of communication content, message sources, audiences, and effects.									
COM	JOUR	JOUR	8060	Research Methods	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Techniques for study of communication content, message sources, audiences, and effects.									
COM	JOUR	JOUR	8080	Legal Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	JOUR 5100 or 5190						
		COURSE DESC:		PR The study of the legal literature relative to First Amendment, including that involving speech, the press, broadcast, and the broad area of social and political communication. Each student learns to use legal reporters and documents. Electronic searching and Shepardizing are taught. Field trips to Columbus are necessary. Each student prepares an extensive legal bibliography in a First Amendment area of interest.									
COM	JOUR	JOUR	8110	Historical Research in Journalism	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Research in mass communication history, individual projects and readings, application of historiographic methods.									
COM	JOUR	JOUR	8130	Ethics, Internet, and Society	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Directed research and reading in the context of ethics, Internet, and society. Emphasis on communication theoretical, media critical, and ethical analyses of the Internet, and on Internet specific research strategies and methods.									
COM	JOUR	JOUR	8140	Literature of Journalism	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Directed reading and discussion of literature covering major themes critical and/or explanatory of media performance, chiefly from 20th- and 21st- centuries.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	8140	Literature of Journalism	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Directed reading and discussion of literature covering major themes critical and/or explanatory of media performance, chiefly from 20th- and 21st- centuries.									
COM	JOUR	JOUR	8150	Seminar in Theory of Freedom of the Press	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Historical and philosophical development of concept of free expression and its relationship to development of Anglo-American system of information flow. Contrasting ideologies and their evolution. Implications of these theories in contemporary states.									
COM	JOUR	JOUR	8150	Seminar in Theory of Freedom of the Press	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Historical and philosophical development of concept of free expression and its relationship to development of Anglo-American system of information flow. Contrasting ideologies and their evolution. Implications of these theories in contemporary states.									
COM	JOUR	JOUR	8160	Seminar in Mass Media Research	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: JOUR 8060									
		COURSE DESC:		PR Students present research ideas to seminar, discuss progress and problems, report and defend projects before group. Emphasis on research strategy and agenda development, the nature and function of theory in mass communication research, and issues with measurement and scaling, as well as data reporting, explanation, and positioning in an area of study.									
COM	JOUR	JOUR	8160	Seminar in Mass Media Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: JOUR 8060									
		COURSE DESC:		PR Students present research ideas to seminar, discuss progress and problems, report and defend projects before group. Emphasis on research strategy and agenda development, the nature and function of theory in mass communication research, and issues with measurement and scaling, as well as data reporting, explanation, and positioning in an area of study.									
COM	JOUR	JOUR	8210	Seminar in Content Analysis	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Methods of designing studies of mass media using techniques of quantitative content analysis and statistical-analysis software; individual research projects and related readings.									
COM	JOUR	JOUR	8210	Seminar in Content Analysis	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Methods of designing studies of mass media using techniques of quantitative content analysis and statistical-analysis software; individual research projects and related readings.									
COM	JOUR	JOUR	8300	Seminar in Magazine Research and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Investigation into and seminar discussion of historical and contemporary role of magazines in American society. Problems of magazine publishing and magazine editing, and structure and nature of magazine industry in U.S. Major historical, qualitative, or quantitative research project.									
COM	JOUR	JOUR	8300	Seminar in Magazine Research and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Investigation into and seminar discussion of historical and contemporary role of magazines in American society. Problems of magazine publishing and magazine editing, and structure and nature of magazine industry in U.S. Major historical, qualitative, or quantitative research project.									
COM	JOUR	JOUR	8500	Seminar in Advertising Copywriting	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Graduate seminar examining the research on strategic advertising messaging and persuasive communication.									
COM	JOUR	JOUR	8660	Seminar in International Mass Media	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Directed research and reading applied to problems of international communication and comparative foreign journalism. Each student writes an original research paper.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	8660	Seminar in International Mass Media	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Directed research and reading applied to problems of international communication and comparative foreign journalism. Each student writes an original research paper.									
COM	JOUR	JOUR	8710	Public Relations Problems and Programs	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Overall planning and operation of public relations programs in government, industry, and educational and nonprofit organizations. Analysis and seminar discussion of problems and policies in such institutions. Case method used in conjunction with individual field studies conducted by class members.									
COM	JOUR	JOUR	8900	Advanced Research Topics Seminar	SEM	SE	4	9		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 8030 or 8060									
		COURSE DESC:		Seminar treatment of areas of current or topical interest in journalism and mass communication; topic varies with instructor expertise and research interests.									
COM	JOUR	JOUR	8950	Dissertation	THE	TH	1 to 12	15		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Research work on dissertation.									
COM	JOUR	T3	4360	Mass Political Communication	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Brings into focus the relationship between politics and the media in the United States and examines the implications of this for the media, the politicians, and the public.									
COM	JOUR	T3	4360	Mass Political Communication	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Brings into focus the relationship between politics and the media in the United States and examines the implications of this for the media, the politicians, and the public.									
COM	JOUR	T3	4361	Gender Roles and Global Media	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in Tier II Social Science and Sr only									
		COURSE DESC:		Draws on mass media studies, international studies, and women's studies to gain insight into gender roles portrayed in other nations' mass media.									
COM	JOUR	T3	4361	Gender Roles and Global Media	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in Tier II Social Science and Sr only									
		COURSE DESC:		Draws on mass media studies, international studies, and women's studies to gain insight into gender roles portrayed in other nations' mass media.									
COM	JOUR	T3	4362	Examining Internet Myths	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 3 Hours Tier II Social Sciences and 3 hours Humanities and Literature and Sr only									
		COURSE DESC:		Examines the phenomenon of myth-making on the Internet and how the viral nature of the medium allows information to spread and gain credibility with very little substance or sourcing. A look at how the "urban legend" goes digital.									
COM	JOUR	T3	4362	Examining Internet Myths	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 3 Hours Tier II Social Sciences and 3 hours Humanities and Literature and Sr only									
		COURSE DESC:		Examines the phenomenon of myth-making on the Internet and how the viral nature of the medium allows information to spread and gain credibility with very little substance or sourcing. A look at how the "urban legend" goes digital.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	1010	The Evolution of Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: no credit if JOUR 1010									
		COURSE DESC:		Investigate the history of the media from its inception in the 1840s to the convergence of digital media. Emphasis on the evolution of a mediated society and culture.									
COM	MDIA	MDIA	1020	Media and the Creative Process	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Applied Communication major or (C or better in MDIA 1010) or FILM 2010									
		COURSE DESC:		Introduces the process of creating media products. Examines how different media industries approach the creative process, how media artists find creative inspiration, and how to locate and utilize a variety of resources to express a creative vision for media audiences/buyers.									
COM	MDIA	MDIA	1091	Introduction to Mass Media	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: no credit if JOUR 1010 or JOUR 1050									
		COURSE DESC:		Overview of American media industries from economic and cultural-critical perspectives. Examines organizational structures, delivery systems, programming, government regulation, technological functions, and social impact of media.									
COM	MDIA	MDIA	1100	Introduction to Digitality	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Deep exploration of the digital environment, including hardware and software tools used to manipulate digital media in the computerized production process.									
COM	MDIA	MDIA	1100	Introduction to Digitality	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Deep exploration of the digital environment, including hardware and software tools used to manipulate digital media in the computerized production process.									
COM	MDIA	MDIA	1200	Audio Production Basics	LEC	EL	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010 and MDIA Major.									
		COURSE DESC:		Introduce students to basic audio theory and production.									
COM	MDIA	MDIA	1200	Audio Production Basics	LEC	LE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010 and MDIA Major.									
		COURSE DESC:		Introduce students to basic audio theory and production.									
COM	MDIA	MDIA	1300	Digital Media Production Basics	LEC	LE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010 and MDIA Major.									
		COURSE DESC:		Introduce students to basic digital media theory and production.									
COM	MDIA	MDIA	1350X	Foundations of Digital Design for Games and Animation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1300									
		COURSE DESC:		This course explores 2D production graphics, specifically content created for games and animation. Students will explore basic concepts of typography, composition, color, theory, logo/logo type, perspective drawing, and illustration.									
COM	MDIA	MDIA	1400	Video Production Basics	SEM	SE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010 and MDIA Major.									
		COURSE DESC:		Introduce students to basic video theory and production.									
COM	MDIA	MDIA	1500	Non-fiction Screenwriting Basics	LEC	LE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010 and MDIA Major.									
		COURSE DESC:		This course provides an introduction to non-fiction screenwriting and producing. Emphasis is placed on research methods, writing activities and creative exercises relevant to non-fiction story development.									
COM	MDIA	MDIA	2010	Media Analysis and Criticism	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1010									
		COURSE DESC:		Introduction to the techniques and practices of media analysis. Designed to provide critical skills to understand media products for the messages embedded within them, the different interpretations that various audience members or users take away from them, and how those products can change or not in a global culture.									
COM	MDIA	MDIA	2011	The Business of Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1020									
		COURSE DESC:		Provides an intensive overview of how business is conducted in the media industries. Examines the fundamental relationships between art and commerce in the media industries; structure of media companies; strategies media companies use to attract audiences/buyers; the various ways media evaluate their products, and ethical issues that impact current media practices.									
COM	MDIA	MDIA	2012	Media, Communication and Social Change	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces the history, principles, strategies, and practice of using media and other forms of communication to promote social change and support social change programs. Focus primarily on social change programs in the United States, but international applications will also be considered. This course will serve as a foundation for a media and social change area of emphasis.									

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COM	MDIA	MDIA	2100	Entertainment Media Law and Finance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2011									
		COURSE DESC:		Present an overview of the financial and legal aspects of managing the creation, promotion, sales, and distribution of entertainment content. Become familiar with industry economic structures as well as standard financial and legal documents and practices.									
COM	MDIA	MDIA	2110	Media Theory and Research	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2010									
		COURSE DESC:		Focus on the schools of thought that have shaped the study of media throughout the 20th century, and the theories that have laid the foundation for media studies in the 21st century as they relate to television, radio, film, music, the Internet, and video games. Talk about these theories in relation to the contexts in which they were developed and the research methodologies that adopted them. As we appreciate the interdisciplinary nature of media studies, we will also have to consider what distinguishes our field from others: what constitutes a medium? What is communication? What is "theory" and what good is it to theorize the media?									
COM	MDIA	MDIA	2110	Media Theory and Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2010									
		COURSE DESC:		Focus on the schools of thought that have shaped the study of media throughout the 20th century, and the theories that have laid the foundation for media studies in the 21st century as they relate to television, radio, film, music, the Internet, and video games. Talk about these theories in relation to the contexts in which they were developed and the research methodologies that adopted them. As we appreciate the interdisciplinary nature of media studies, we will also have to consider what distinguishes our field from others: what constitutes a medium? What is communication? What is "theory" and what good is it to theorize the media?									
COM	MDIA	MDIA	2113	Social Media Introduction	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course comprises direct observation and analysis of diverse social media texts. Participants, forms, and consequences of social media come into full view. The course lays the groundwork for a new form of cultural literacy.									
COM	MDIA	MDIA	2113	Social Media Introduction	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The course comprises direct observation and analysis of diverse social media texts. Participants, forms, and consequences of social media come into full view. The course lays the groundwork for a new form of cultural literacy.									
COM	MDIA	MDIA	2130	Television Genres	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Provides an examination of the evolution of television genres. Provide an aesthetic, historic, and critical underpinning that informs the production of new genre formations, even as the historic programmatic flow has become increasingly niche driven. As such, the course triangulates media studies with political economy of television and audience and textual analysis.									
COM	MDIA	MDIA	2131	TV and Film Comedy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analyzes media comedy, including theories of humor and types, styles, techniques, and varieties of television and film comedy from the silent movie greats through comedy teams, slapstick, sentimental, screwball, and situation comedies.									
COM	MDIA	MDIA	2132	Contemporary American Documentary	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Contemporary American Documentary looks at contemporary issues in American life through the work of distinguished non-fiction filmmakers. Documentaries dealing with all aspects of American society are screened and discussed. Politics, race, poverty, religion, big business and war are among the issues dealt with. The aim of this course is to illuminate and examine the issues, and to develop critical viewing skills so that students become savvy consumers of such media.									
COM	MDIA	MDIA	2135	Documentary Genres	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Investigates the construction of nonfiction film and televisual documentary imagery, from the inception of motion pictures (ca 1895) through the current postmodern American landscape. In the course, a representative sampling of the documentary film canon by historical figures is screened, which will assist in gaining understanding of the contemporary context within which these documentary constructions were assembled. Because this course is taught within the School of Telecommunications, the second part of the course necessarily moves toward examining the influences American network television, cable, and video technology have had on the form.									
COM	MDIA	MDIA	2140	Information & Communication Technologies and Social Change	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the ways Information and Communication Technologies (ICTs) are being used to bring about social change. In an age when digital networks and social media interlink individuals, groups and community organizations, students are asked to research, write about, and discuss the role played by the Internet, wireless media, fiber optics, satellites and digital devices in the empowerment of citizens. Historical, economic, cultural, and programmatic analysis of case studies will be used as a basis for understanding theory.									
COM	MDIA	MDIA	2150	Media Globalization	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2010									
		COURSE DESC:		Highlights fundamental issues and debates regarding the relationships between media and globalization. Through lectures, readings, and critically examining media content in various forms (e.g. excerpts from motion pictures, web-based content, music, etc.), students explore and evaluate various perspectives regarding media and globalization. Examines relationships between media and globalization over time, at various geographic scales, across a range of national contexts, and from assorted stakeholders' perspectives. At the same time, it broadly considers the social, political, economic, and cultural linkages between media and globalization.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2160	History of Broadcast Media ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U10		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Investigates the history of the U. S. broadcast media from the inception of telegraphy (1844), through transition periods that encompass radiotelegraphy and radio telephony (1906-1920), the beginning of broadcast radio (1922) and the subsequent rise of radio networks (1928-1948); television's initial development (1928-1939), and the proliferation of broadcast platforms including public broadcasting, cable and satellite transmission (1948-present).									
COM	MDIA	MDIA	2161	History of Prime Time Television I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Two-part course that covers the growth and development, expansion, and consolidation (Prime Time II) of our broadcast television system-including public television, cable, satellite, and the Internet. The class follows program trends, developments, and innovations. Particular attention is placed on each broadcast year, contextualizing the impact of new technology, regulations, genre expansion, and the emergence of new network platforms. This study is enhanced by the use of Television texts (programs) from kinescopes to high definition TV programs.									
COM	MDIA	MDIA	2162	History of Prime Time Television II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Continuation of MDIA 2161. Focus is on the expansion of our broadcast networks through the additions of public broadcasting, cable networks, the creation of new distribution platforms (e.g. Fox CNBC, UPN, MSNBC, and the cable-satellite networks), as well as exploration of the future potential for a television-Internet convergence.									
COM	MDIA	MDIA	2170	Media and Identity ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Introduce students to the way the media construct and represent various social and cultural identities. It begins with the premise that understanding the way media represent individuals and groups is important to recognizing how we perceive those in the world around us.									
COM	MDIA	MDIA	2171	African-American Televisual Images ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Investigates the construction of televisual imagery, stereotypes, and counter-images of African-American people from the inception of the television age (1948) to the present.									
COM	MDIA	MDIA	2200	Script Analysis and Production Planning ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0		N	U30		75
				GEC1: A-F REQUISITE: Using standard screenwriting procedures as a litmus test, students learn how to analyze narrative scripts for their production potential. Selected scripts are used as examples to teach students how to budget and preproduce scripts for production, while simultaneously developing marketing and distribution plans.									
COM	MDIA	MDIA	2200	Script Analysis and Production Planning ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		75
				GEC1: A-F REQUISITE: Using standard screenwriting procedures as a litmus test, students learn how to analyze narrative scripts for their production potential. Selected scripts are used as examples to teach students how to budget and preproduce scripts for production, while simultaneously developing marketing and distribution plans.									
COM	MDIA	MDIA	2201	Short Form Media Scriptwriting ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		75
				GEC1: A-F REQUISITE: WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): FILM 3430 Writing for a variety of short form broadcast formats, including radio and television features, talk shows, documentaries, and instructional programs.									
COM	MDIA	MDIA	2202	Non-Traditional Storytelling ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		75
				GEC1: A-F REQUISITE: Examines various approaches to the story creation process including writing non-linear or interactive stories for entertainment and instructional applications.									
COM	MDIA	MDIA	2300	Music Production and Technology I ELIGIBLE GRADES: COURSE DESC:	SEM	SE	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 1200 and (MDIA 1300 or 1400 or 2900) or (EM 2110 and EM 2111) Provide the technical background and practical techniques required of the successful record producer. Audio basics, microphones (types and uses), outboard gear, console signal flow and working with Digital Audio Workstations (DAWs) are covered. The course culminates in student participation in an instructor-led recording, during which the technology and techniques covered in class are reinforced. Assignments include simple recording and mixing projects.									
COM	MDIA	MDIA	2303	Live & Remote Music Recording ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 2300 This course provides students a basic understanding of recording music on location in venues other than a traditional recording studio. Students receive instruction through lectures and practical hands-on guided labs that provide experiential learning opportunities in live and remote music recording of both School of Music and community events. Please note that MDIA 2303 also includes a required lab.									
COM	MDIA	MDIA	2303	Live & Remote Music Recording ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 2300 This course provides students a basic understanding of recording music on location in venues other than a traditional recording studio. Students receive instruction through lectures and practical hands-on guided labs that provide experiential learning opportunities in live and remote music recording of both School of Music and community events. Please note that MDIA 2303 also includes a required lab.									
COM	MDIA	MDIA	2305	Recording Industry Survey ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2SS	N	U30		0
				GEC1: A-F REQUISITE: Provides a real world overview of the recording industry as it has come to exist in the 21st century, including the historical, social, technological, and creative factors that have contributed to its current state.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2400	Introduction to Digital Media Production	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1020									
		COURSE DESC:		Introduction to the processes and tools involved in the production of digital media projects involving sound and moving images.									
COM	MDIA	MDIA	2401	Digital Game Design	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1300 and (MDIA 1200 or 1400 or 2900) or (EM 2110 and EM 2111)									
		COURSE DESC:		Exploration of the game design process. Develop a more accurate and concrete sense of the skills and processes involved in game design through discussion and research. By the end of the semester, each student will have designed, prototyped, and play-tested a game.									
COM	MDIA	MDIA	2500	Animation I	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1300									
		COURSE DESC:		Introduction to the fundamentals of animation techniques, with emphasis on the creative process and character design. The main focus of this course is the understanding of tools and techniques for creating characters to be used in animation. Additional topics such as texturing and lighting will also be introduced.									
COM	MDIA	MDIA	2700	Video and Audio Field Production	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111)									
		COURSE DESC:		Fundamentals of video and audio production in the field. Covers concepts of camera composition, sound recording, lighting for video. This course assumes that all students have a fundamental understanding of editing and the ability to edit.									
COM	MDIA	MDIA	2701	Visual Storytelling	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the way in which color, line, shape, space, movement, and visual rhythm are used to explore and emphasize narrative stories as they move from script to screen.									
COM	MDIA	MDIA	2701	Visual Storytelling	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the way in which color, line, shape, space, movement, and visual rhythm are used to explore and emphasize narrative stories as they move from script to screen.									
COM	MDIA	MDIA	2702C	Media Production for the Community	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces students to service learning through producing and directing single camera video productions for non-profit organizations. Students learn aspects of production including camera operation, directing, lighting, audio, graphics, editing and other postproduction elements. Students also develop the skills necessary to work collaboratively on projects that benefit non-profit organizations or the community at large. Equal emphasis is placed on the quality of the product and the quality of the process.									
COM	MDIA	MDIA	2800	Digital Video Postproduction	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111)									
		COURSE DESC:		Deep exploration of the processes and tools of digital nonlinear editing of video material. Prepares you for Apple Certification. Preference for those interested in post/ effects as a specialty.									
COM	MDIA	MDIA	2900	Special Topics in Media Arts and Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	MDIA	2900	Special Topics in Media Arts and Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	MDIA	2930	Independent Study	IND	IS	1 to 6	12		N	U20		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent study									
COM	MDIA	MDIA	2970T	Media Tutorial	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	MDIA	2971T	Media Tutorial	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	MDIA	2980T	Media Tutorial	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									

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COM	MDIA	MDIA	2981T	Media Tutorial	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	MDIA	3080	Technical Bases of Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 1020									
		COURSE DESC:		Concerned with the "tools of the trade" in electronic media and related fields. The course examines electronic principles that are employed by audio and video equipment in general use today, emphasizing hardware found in production studios, broadcasting, and cable systems.									
COM	MDIA	MDIA	3100	Media Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2011									
		COURSE DESC:		Survey and explore media management and leadership models, including the foundational knowledge and characteristics necessary to be exemplary media leaders. Through readings, class discussion, case studies, and conversations with professional leaders, explore decision-making; leading the workforce; motivation; managing innovation; ethics; marketing and promotion; budgeting; and information management.									
COM	MDIA	MDIA	3102	Media Content Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2011									
		COURSE DESC:		The goals and processes used by media businesses to develop, evaluate, distribute, schedule, promote, and market media content to various audiences.									
COM	MDIA	MDIA	3105	Audience Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2011 or BC5374									
		COURSE DESC:		Examines some of the ways we both count the audience and understand their interests. In addition to exploring the current rating services, focus on the basics of survey research and focus groups. Review product sales.									
COM	MDIA	MDIA	3110	Advanced Media Criticism	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2010 and (Jr or Sr)									
		COURSE DESC:		A writing intensive course that focuses on developing a critical eye is essential in today's media-saturated environment and it requires more than providing a derogatory remark. Provides a number of different theoretical perspectives (Marxism, semiotics, feminism, etc.) and how to use them to analyze different media genres (sitcoms, reality show, procedural dramas, webshows, video games, etc.). Writing is incorporated into this course in several ways including critical essays, class writing exercises, and revision and critique culminating in a final paper.									
COM	MDIA	MDIA	3110	Advanced Media Criticism	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2010 and (Jr or Sr)									
		COURSE DESC:		A writing intensive course that focuses on developing a critical eye is essential in today's media-saturated environment and it requires more than providing a derogatory remark. Provides a number of different theoretical perspectives (Marxism, semiotics, feminism, etc.) and how to use them to analyze different media genres (sitcoms, reality show, procedural dramas, webshows, video games, etc.). Writing is incorporated into this course in several ways including critical essays, class writing exercises, and revision and critique culminating in a final paper.									
COM	MDIA	MDIA	3111	Media Phenomenology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Provides a framework through which students can investigate the ways in which people experience media through their stories. Investigates how phenomenology, as theory and methodology, can effectively be applied in a range of contexts, demonstrating the value and utility of hermeneutics, semiotics, and deconstruction.									
COM	MDIA	MDIA	3111	Media Phenomenology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Provides a framework through which students can investigate the ways in which people experience media through their stories. Investigates how phenomenology, as theory and methodology, can effectively be applied in a range of contexts, demonstrating the value and utility of hermeneutics, semiotics, and deconstruction.									
COM	MDIA	MDIA	3122	Content Curation	SEM	EL	3	0		N	U30		30
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2113 and (Jr or Sr)									
		COURSE DESC:		This class leads students through an emergent and intensifying field where practitioners innovatively filter, organize, present, and maintain aggregated web content. As industries and consumers increasingly recognize, the glut of information that is present on the Internet must be presented meaningfully in order to be useful. This specialized form of social media practice constitutes both the work of professionals and enthusiasts in the presentation of the everyday content of general and highly targeted Websites.									
COM	MDIA	MDIA	3122	Content Curation	SEM	SE	3	0		N	U30		30
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2113 and (Jr or Sr)									
		COURSE DESC:		This class leads students through an emergent and intensifying field where practitioners innovatively filter, organize, present, and maintain aggregated web content. As industries and consumers increasingly recognize, the glut of information that is present on the Internet must be presented meaningfully in order to be useful. This specialized form of social media practice constitutes both the work of professionals and enthusiasts in the presentation of the everyday content of general and highly targeted Websites.									
COM	MDIA	MDIA	3150	Global Media Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Critically explore broader cultural, political and socioeconomic issues that shape global media systems, and how they compare with current media trends in the U.S.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	3160	History of Computer Graphics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Investigates the history of special effects in film from Melies to ILM, with an emphasis on narrative integration and technical achievement.									
COM	MDIA	MDIA	3171	Children, Youth, and Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the many issues that define the relationship between children, youth, and their media: the construction of children and youth as consumers through Web sites and the Internet; the role of social networking; the consequences of screen time for young children; and the unique perspective children bring to television. Also discussed will be the public debates over youth and media and the responsibilities of the industry, the government, and adults.									
COM	MDIA	MDIA	3172	Public Media: Past, Present, and Future	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Historical development, current status, and challenges to public broadcasting.									
COM	MDIA	MDIA	3175	Gossip, Espionage, Hackers, and Outlaw Memes	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discusses backchannels of information flow to discuss the ways in which cultures refresh themselves with previously marginalized ideas. Deals also with the impact of technologies on this dynamic.									
COM	MDIA	MDIA	3201	Screenwriting: the Adaptation	SEM	SE	3	0	1JE	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MDIA 2200 or 2201 or 2202 or FILM 3430) and completion of Tier I English									
		COURSE DESC:		Professor leads students through the process of researching and pitching script ideas for screenplays based on pre-existing material such as short stories, plays, news articles, etc. Students then learn the proper business procedure required to obtain legal permission to adapt the work before writing, critiquing and rewriting a screenplay based on the work. This is a writing intensive course.									
COM	MDIA	MDIA	3202	Screenwriting for Television	SEM	SE	3	6	1JE	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MDIA 2200 or 2201 or 2202 or FILM 3430) and completion of Tier I English									
		COURSE DESC:		Leads students through the process of researching and pitching script ideas for current television programs; students then write, critique and rewrite spec scripts for television scripts for the professional arena. This is a writing intensive course.									
COM	MDIA	MDIA	3300	Music Production & Technology II	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 220 or 2300									
		COURSE DESC:		The follow up to Music Production & Technology 1. Advanced instruction in specific popular music multitrack recording techniques (drums, guitars, keyboards, and additional acoustic instrumentation), midi, looping and sampling techniques, DAW techniques, outboard processing gear, and session management. Also covered are practical concerns such as producer/artist agreements and project budgeting.									
COM	MDIA	MDIA	3303	Sound for Moving Image	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1200 and (MDIA 1300 or 1400 or 2900) or (EM 2110 and EM 2111)									
		COURSE DESC:		Explores the technical and aesthetic aspects of sound as it relates to the moving image. Mixing to picture, SMPTE synchronization to video, Foley, sound effects, dialogue replacement, and music for picture will all be covered.									
COM	MDIA	MDIA	3305	Music Production: Mixing and Delivery	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 3300									
		COURSE DESC:		The follow up to Music Production & Technology II and builds on the material covered in that course. Students take projects initiated in MP&TII and apply post production techniques and technology to generate final mixes of the tracks they have produced. Comparison of student work to similar commercially released work and critical listening are covered. Varying mixdown formats and media are discussed and implemented (including "in-the-box," stem and analog techniques). Mastering techniques and tools are used by students to deliver final versions. Various delivery options (the Internet, software and "hard copies") are generated and discussed.									
COM	MDIA	MDIA	3306	Business of Selling Music: Record Labels, Distribution, and Marketing	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Examines closely the business practices of the recording industry, past and present. Discussed are recording contracts, record deals, business structures, and roles within the industry. Also examined are methods of marketing and distribution of musical products.									
COM	MDIA	MDIA	3306	Business of Selling Music: Record Labels, Distribution, and Marketing	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Examines closely the business practices of the recording industry, past and present. Discussed are recording contracts, record deals, business structures, and roles within the industry. Also examined are methods of marketing and distribution of musical products.									
COM	MDIA	MDIA	3307	Music Publishing and Licensing for Media Productions	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Concentrates on the commercial, legal and cultural aspects of music publishing and performance issues as they relate to media production.									

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COM	MDIA	MDIA	3307	Music Publishing and Licensing for Media Productions	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Concentrates on the commercial, legal and cultural aspects of music publishing and performance issues as they relate to media production.									
COM	MDIA	MDIA	3308	Commerce and Economies of the Music Recording Industry	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Concentrates on giving a complete picture of the fundamental revenue streams of the music industry, including artist, songwriter, publisher, record label, live performance, management and merchandising revenue streams. Upon completion of this course, students are able to identify virtually any music business entity and understand the structural relationships and processes involved in the music industry, as well as the current business trends involving music distribution and consumption in its varied forms.									
COM	MDIA	MDIA	3308	Commerce and Economies of the Music Recording Industry	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2305									
		COURSE DESC:		Concentrates on giving a complete picture of the fundamental revenue streams of the music industry, including artist, songwriter, publisher, record label, live performance, management and merchandising revenue streams. Upon completion of this course, students are able to identify virtually any music business entity and understand the structural relationships and processes involved in the music industry, as well as the current business trends involving music distribution and consumption in its varied forms.									
COM	MDIA	MDIA	3380	Technical Bases of Electronic Media Laboratory	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 3080 and WARNING: not MDIA 308L									
		COURSE DESC:		Intended to provide practical workbench experience in design and construction of electronic equipment used in electronic media, building on the foundation of technical knowledge gained in MDIA 3080. Unlike 3080, which is intended to develop a general understanding of electronics and electronic technology, this course aims to provide participants with the skills necessary to put that knowledge to use in the construction of devices employed in media applications.									
COM	MDIA	MDIA	3380	Technical Bases of Electronic Media Laboratory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 3080 and WARNING: not MDIA 308L									
		COURSE DESC:		Intended to provide practical workbench experience in design and construction of electronic equipment used in electronic media, building on the foundation of technical knowledge gained in MDIA 3080. Unlike 3080, which is intended to develop a general understanding of electronics and electronic technology, this course aims to provide participants with the skills necessary to put that knowledge to use in the construction of devices employed in media applications.									
COM	MDIA	MDIA	3401	Game Development I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2401									
		COURSE DESC:		An exploration of all aspects of 3D game development. Topics include: file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part two of three in the game development sequence.									
COM	MDIA	MDIA	3500	Animation II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 2500									
		COURSE DESC:		This course is an introduction to the basic principles of 3D computer modeling and animation, and a continuation of animation fundamentals introduced in Animation I. Students are introduced to the topics of rigging, texturing, and lighting.									
COM	MDIA	MDIA	3600	Producing for Video	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2100 or MDIA 2200									
		COURSE DESC:		Focuses on the role of the producer in the video and film industries. Particular attention is placed on developing marketable ideas, research, production planning, budgeting, and pitching.									
COM	MDIA	MDIA	3602	Production in Los Angeles	LEC	LE	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission of Program Director									
		COURSE DESC:		This course introduces students to professional production techniques in the Los Angeles-based creative industries. Students attend film/video shoots and visit studios, production companies, vendors (camera suppliers), and post-production facilities (e.g., sound mixing, video post). The course also includes guest speakers (e.g., production executives, line producers, assistant directors) and workshops (e.g., camera/lighting, on-set professional etiquette). Students acquire skills in budgeting, location scouting, production permits, equipment rental, and negotiation with talent/suppliers in the Los Angeles area. The course culminates with a short project produced by students in the OHIO-in-LA Program.									
COM	MDIA	MDIA	3700	Intermediate Video Production	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2700									
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of single-camera video, field production techniques. Students will develop their creative voice and storytelling abilities.									
COM	MDIA	MDIA	3701	Directing the Narrative Scene: Director Preparation and Pre-Visualization	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2200									
		COURSE DESC:		Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	3701	Directing the Narrative Scene: Director Preparation and Pre-Visualization ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: MDIA 2200 Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.	LEC	LE	3	0		N	U30		0
COM	MDIA	MDIA	3702	Multicamera Producing and Directing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111) An intensive, practical introduction to studio directing. All students direct a variety of program formats, including interviews, demonstrations, scripted shows and live current affairs productions. Develop producing and directing skills, to communicate effectively over talkback, to acquire good time management skills, and to write studio camera scripts.	SEM	SE	3	0		N	U30		0
COM	MDIA	MDIA	3705	Writing and Producing the Non-Fiction Video Podcast Series ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: MDIA 1400 and (MDIA 1200 or 1300 or (EM 2110 and EM 2160)) and (MDIA 2200 or MDIA 2201 or FILM 3430) Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based non-fiction projects.	SEM	SE	3	0		N	U30		0
COM	MDIA	MDIA	3800	The Craft of Editing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: MDIA 2800 Involves students in a hands-on deep exploration of the rationales and conventions of various editing styles. Includes dialogue, action, chases and fights, comedy, documentary, and music video.	SEM	SE	3	0		N	U30		0
COM	MDIA	MDIA	3807	The Art of Editing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: MDIA 2010 or FILM 2010 or 2020 Move beyond the technical, button-pushing side of film and video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing films, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.	LEC	LE	3	0		N	U30		0
COM	MDIA	MDIA	3810	Women and the Media ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: Soph or Jr or Sr Explores the relationship between women and the media in the context of both their representation and their access to positions within the industry.	LEC	LE	3	0		N	U30		0
COM	MDIA	MDIA	3910	On-Campus Practicum ELIGIBLE GRADES: GEC6: CR, COURSE DESC: REQUIRES: MDIA majors only PR, F Practical experience in Ohio University media facilities.	INT	IN	1	6		N	U30		0
COM	MDIA	MDIA	3911	Off-Campus Practicum ELIGIBLE GRADES: GEC6: CR, COURSE DESC: REQUIRES: MDIA majors only PR, F Practical experience in off-campus media facilities. May be taken during breaks or in summer. Students are required to submit a proposal and work at least 40 hours.	INT	IN	1	6		N	U30		0
COM	MDIA	MDIA	3970T	Media Tutorial ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: REQUIRES: HTC CR, PR Individualized tutorial for HTC students only.	TUT	TU	1 to 15	999		N	U30		0
COM	MDIA	MDIA	3980T	Media Tutorial ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: REQUIRES: HTC CR, PR Individualized tutorial for HTC students only.	TUT	TU	1 to 15	999		N	U30		0
COM	MDIA	MDIA	4011	Media and the Digital Divide ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: Sr only The course steeps the student in some of the most current literature on the quicksilver proliferation of new technologies throughout the world, with emphasis on who has access, command, and knowledge about these technologies and who is lacking and why. Readings explore the contours of the Digital Divide as it shapes and is shaped by culture amid shifting cultural and geopolitical climates.	SEM	SE	3	0	3	N	U30		0
COM	MDIA	MDIA	4012	Broadcasting for Social Justice: A History of Broadcasting and U.S. Social Movements (1930-Present) ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUIRES: Jr or Sr Historical analysis of the manner in which committed educators, media activists, and practitioners have sought to employ the reach of our broadcast media with the emerging struggle for civil/human rights in 20th and 21st century America. Conduct a detailed historical survey of social movements, beginning in the Depression-era, expanding through the birth of the civil-rights movement, anti-war, feminist, environmental, and anti-globalization movements. Of particular interest will be a focus on media examples (Broadcast Reform Movement, educational/public broadcasting, Pacifica radio, Nat'l Federation of Community Broadcasters, minority production consortia, the Cable Access Movement, media activism on the Internet in a continuation of the struggle for greater public participation.	LEC	LE	3	0		N	U30		0

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4015	Media and Development	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Examines, through a political economy approach, the relationships between media and socioeconomic development. These relationships are analyzed with regards to various forms of media, including motion pictures, community radio, television, and 'new media' such as the Internet. Incorporates a series of readings and case studies situated in different parts of the world, including Latin America, Asia, Africa, and Appalachia. Interrelationships between media and development are explored historically, at various geographic scales, as well as from the perspectives of different stakeholders.									
COM	MDIA	MDIA	4100	Communications Media Law and Regulations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Sociopolitical control of telecommunications; effects of law and regulations upon telecommunications policy and operation.									
COM	MDIA	MDIA	4120	Advanced Social Media	SEM	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2113 and (Jr or Sr)									
		COURSE DESC:		Advanced Social Media prompts students to apply the basic social media knowledge they have collected to an advanced professional and critical study of social networks. The seminar builds high-level knowledge and competencies in digital and cultural literacy and idea formations for professional work in media.									
COM	MDIA	MDIA	4120	Advanced Social Media	SEM	SE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2113 and (Jr or Sr)									
		COURSE DESC:		Advanced Social Media prompts students to apply the basic social media knowledge they have collected to an advanced professional and critical study of social networks. The seminar builds high-level knowledge and competencies in digital and cultural literacy and idea formations for professional work in media.									
COM	MDIA	MDIA	4130	Social Media Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2113									
		COURSE DESC:		This course introduces concepts, tools, and best practices in social media analytics. Emphasis is placed on collection, analysis, and visualization of social media data.									
COM	MDIA	MDIA	4140	New Media and Communication Technologies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		An introductory course that examines the role of digital technologies and broadband networks in the implementation of modern media and communication services. Emerging applications in telephony, cable, wireless, satellite, broadcasting, Internet, and multimedia are highlighted.									
COM	MDIA	MDIA	4141	Satellite Media and Communications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Role of satellites in global communications from historical, technical, regulatory, economic, political, and programmatic perspectives.									
COM	MDIA	MDIA	4170	Media and the Muslim World	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in (MDIA or JOUR) and Sr only									
		COURSE DESC:		Introduces topics related to the growing interest in the uses of media in and about the Muslim world. Examines controversial issues regarding how Islam has been and continues to be negatively depicted in the U.S. media, as well as how different media practitioners are working to change that image.									
COM	MDIA	MDIA	4170	Media and the Muslim World	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in (MDIA or JOUR) and Sr only									
		COURSE DESC:		Introduces topics related to the growing interest in the uses of media in and about the Muslim world. Examines controversial issues regarding how Islam has been and continues to be negatively depicted in the U.S. media, as well as how different media practitioners are working to change that image.									
COM	MDIA	MDIA	4175	Media and Sexual Representation	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in (MDIA or COMS) and Sr									
		COURSE DESC:		Addresses ways that media shape templates of sexuality, gender, and eroticism, and how their representations reflect the imperatives of culture, the ephemerality of fashion, the limitations of law.									
COM	MDIA	MDIA	4176	Technology, Communication, and Culture	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Examines ways in which communication technologies shape and structure a culture and also ways in which a culture, in turn, uses those technologies to stabilize itself and to discover meaning.									
COM	MDIA	MDIA	4201	Advanced Screenwriting for Film	LEC	LE	3	0	1JE	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MDIA 2201 or 2202 or FILM 3430) and completion of Tier I English and Jr or Sr standing									
		COURSE DESC:		Writing is incorporated into this course in several ways including original treatments and scripts, class writing exercises, and revision and critique culminating in a final screenplay. Students write short narrative films scripts adapted from both short stories and original concepts.									
COM	MDIA	MDIA	4202	Advanced Screenwriting for Television/Film: the Rewrite	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 3201 or 3202 or 4201									
		COURSE DESC:		Working with pre-existing scripts (provided by the students), this course leads the students through an analysis and peer critique process allowing screenwriters to re-examine their script in an effort to rework and rewrite the project.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4250	Immersive Media Collaboratory	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMM1200 and (COMM3210 or COMM3220 or COMM3230 or COMM3250 or COMM3260 or COMM3920) and Sr							
		COURSE DESC:		This course combines non-technical content experts and virtual reality production teams to implement previously designed immersive media projects in virtual reality and/or augmented reality. Special emphasis is placed on team building and iterative design practices.									
COM	MDIA	MDIA	4305	Recording Studio Design & Maintenance	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2300 and MDIA 3080							
		COURSE DESC:		Designed for students with a strong commitment to a deeper understanding of the inner workings of a professional recording studio. Explores the design and upkeep of a studio. Topics will include basic and advanced soldering techniques, hardware design, troubleshooting, analog tape machine maintenance and alignment, use of test equipment, equipment fabrication, musical instrument maintenance and acoustic design concepts.									
COM	MDIA	MDIA	4310	Music Production/Recording Industry Capstone	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MDIA 2305 and 3305) or (MDIA 3306 and 3300 and 3308) and Sr							
		COURSE DESC:		This class is designed for Music Production and Recording Industry students and students with related interests in communication studies, journalism, visual communication, video production, and immersive media, to demonstrate the cumulative knowledge of this emphasis area through the production and distribution of recorded music projects. Students scout and sign artists, develop A&R strategies, produce and mix master recordings, supervise post production manufacturing, develop and implement marketing strategies, design and implement promotional materials, plan and execute video productions for each artist, create and deploy a social media strategy, and successfully manage a final release show.									
COM	MDIA	MDIA	4401	Game Development II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MDIA 3401							
		COURSE DESC:		An exploration of all aspects of 3D game development. Topics include file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part three of three in the game development sequence.									
COM	MDIA	MDIA	4405	Digital Media Capstone	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 3500 or MDIA 4401 and Jr or Sr							
		COURSE DESC:		This course allows Junior and Senior level advanced animation and game development students to produce portfolio projects while working on collaborative teams.									
COM	MDIA	MDIA	4500	Animation III	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MDIA 3500							
		COURSE DESC:		This course continues the development of 3D computer modeling and animation skills introduced in Animation I and II. Students will build on the topics of rigging, texturing, lighting, and animation.									
COM	MDIA	MDIA	4600	The Business of Hollywood	LEC	LE	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		This course is a practical analysis of the entertainment industry in Los Angeles. Focuses on how Hollywood works from a business perspective: how/why decisions are made about content produced; who makes those decisions; where the money flows; who the important 'players' are; and what it takes to succeed in Hollywood. Insights and experiences from a variety of sources, including media industry trade publications and successful professionals. Guest speakers include studio executives, agents/managers, producers, writers, casting directors, entertainment attorneys, union representatives, audience analysts, and professionals from various parts of Hollywood's entertainment industries.									
COM	MDIA	MDIA	4601	The Development Process for the Creative Industries	LEC	EL	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		This course offers an in-depth examination of the development process in Hollywood's creative industries. Focuses on how ideas are "developed" by networks, studios, and independent production companies; and how development figures in the process of producing for film, television, video, and new media. Emphasis placed on generating ideas and concepts, the importance of story, and learning how to successfully pitch marketable ideas to the industry. Guest speakers (development executives, showrunners, agents, business affairs, etc.) share career paths and perspectives on the development/creative process. Final project will be a pitch to professional development executives in Hollywood.									
COM	MDIA	MDIA	4601	The Development Process for the Creative Industries	LEC	LE	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		This course offers an in-depth examination of the development process in Hollywood's creative industries. Focuses on how ideas are "developed" by networks, studios, and independent production companies; and how development figures in the process of producing for film, television, video, and new media. Emphasis placed on generating ideas and concepts, the importance of story, and learning how to successfully pitch marketable ideas to the industry. Guest speakers (development executives, showrunners, agents, business affairs, etc.) share career paths and perspectives on the development/creative process. Final project will be a pitch to professional development executives in Hollywood.									
COM	MDIA	MDIA	4700	Nonfiction Storytelling and Documentary Production	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2700 and (MDIA 2135 or 2132)							
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of nonfiction video production techniques that might be found in documentary, corporate/industrial videos or reality television production. Through this process students will develop their creative voice and storytelling abilities.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4705	Media and Web Delivery	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 3705						
		COURSE DESC:		More and more often, traditional distribution channels are being eschewed for consumer web-based media sites. This has created a new phenomenon in the realms of blogging, webcasting, podcasting, and viral video. Examines the design and production issues of web-based media and the business of online distribution.									
COM	MDIA	MDIA	4719	Advanced Narrative Production	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 3303 or 3600 or 3700 or 3701 or 4201 or 4202 or 4800						
		COURSE DESC:		Students work in production teams to make large scale narrative films.									
COM	MDIA	MDIA	4800	Advanced Digital Video Postproduction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in MDIA 2800						
		COURSE DESC:		Work individually and in collaborative teams in advanced post. Accomplished MDIA production students work with pre-existing material. The focus is strategies rather than new tools, but expanded use of software applications from previous courses. One product is your portfolio reel.									
COM	MDIA	MDIA	4801	Motion Graphics	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in MDIA 2800						
		COURSE DESC:		Deep exploration of the design and creation of motion graphic elements using Apple Motion, LiveType, After Effects and a little PhotoShop. Composition, moving composition, typography, color, and other digital image design elements are addressed.									
COM	MDIA	MDIA	4802	Interactive Video Authoring	SEM	SE	3	0		I	U30		75
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Involves collaborative teams in authoring interactive video projects with professional authoring software. Compression, interactivity, scripting and element design.									
COM	MDIA	MDIA	4805	Compositing	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (MDIA 2800 or 3500)						
		COURSE DESC:		This course involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.									
COM	MDIA	MDIA	4860	Colloquium in Media	LEC	EL	1 to 4	18		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Intensive study of special topics in field of media.									
COM	MDIA	MDIA	4860	Colloquium in Media	LEC	LE	1 to 4	18		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Intensive study of special topics in field of media.									
COM	MDIA	MDIA	4900	Special Topics in Media Arts and Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COM	MDIA	MDIA	4900	Special Topics in Media Arts and Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
COM	MDIA	MDIA	4901	Special Topics in Media and Social Change	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 2010 and (MDIA 2112 or 4150)						
		COURSE DESC:		Cover a variety of ever-changing topics of Media and Social Change. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in media.									
COM	MDIA	MDIA	4901	Special Topics in Media and Social Change	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 2010 and (MDIA 2112 or 4150)						
		COURSE DESC:		Cover a variety of ever-changing topics of Media and Social Change. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in media.									
COM	MDIA	MDIA	4902	Special Topics in Screenwriting and Producing	LEC	EL	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 2200 or 2201 or 2202 or 2701						
		COURSE DESC:		Covers a variety of ever-changing topics in Screenwriting and Producing. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as recording industry, Web media management and managing the creative team, media leadership development, etc.									

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COURSE LISTING
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COM	MDIA	MDIA	4902	Special Topics in Screenwriting and Producing ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	12		N	U30		0
				REQUISITE: MDIA 2200 or 2201 or 2202 or 2701 Covers a variety of ever-changing topics in Screenwriting and Producing. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as recording industry, Web media management and managing the creative team, media leadership development, etc.									
COM	MDIA	MDIA	4903	Special Topics in Music Production and Recording Industry ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	12		N	U30		0
				REQUISITE: MDIA 1200 or MDIA 2305 Covers a variety of ever-changing topics in Music Production and the Recording Industry. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as record production, audio engineering and producing, technical advances, etc.									
COM	MDIA	MDIA	4903	Special Topics in Music Production and Recording Industry ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	12		N	U30		0
				REQUISITE: MDIA 1200 or MDIA 2305 Covers a variety of ever-changing topics in Music Production and the Recording Industry. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as record production, audio engineering and producing, technical advances, etc.									
COM	MDIA	MDIA	4904	Special Topics in Integrated Media ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	12		N	U30		0
				REQUISITE: MDIA 1010 and (MDIA 1200 or 1300 or 1400) Covers a variety of ever-changing topics in integrated media production. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as lighting design for video, 3-D video production, marketing the short video, etc.									
COM	MDIA	MDIA	4904	Special Topics in Integrated Media ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	12		N	U30		0
				REQUISITE: MDIA 1010 and (MDIA 1200 or 1300 or 1400) Covers a variety of ever-changing topics in integrated media production. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as lighting design for video, 3-D video production, marketing the short video, etc.									
COM	MDIA	MDIA	4905	Special Topics in Games and Animation ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	12		N	U30		0
				REQUISITE: MDIA 2401 or 2500 This course covers a variety of ever-changing topics in Games and Animation. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as game design, animation, special effects, technical advances, etc.									
COM	MDIA	MDIA	4910	Internship in Media ELIGIBLE GRADES: COURSE DESC:	INT	IN	1 to 15	15		I	U30		0
				REQUISITE: Permission required PR, F Media experience under auspices of cooperating organization with paper and journal submitted detailing internship experiences. Only 3 hrs can be used to satisfy MDIA major.									
COM	MDIA	MDIA	4911	Los Angeles Internship ELIGIBLE GRADES: COURSE DESC:	FLD	FE	3 to 6	12		N	U30		0
				REQUISITE: MDIA 2011 and Jr or Sr PR, F The OHIO-in-LA Program requires students to complete one internship at an Los Angeles-area media company during enrollment in the Program. The internship provides opportunities to work and learn in Los Angeles in preparation for a career in the media industries. Students receive 3 hours of credit upon completion of 168 work hours with the host organization(s) and receive up to 6 hours of academic credit upon completion of 336 work hours.									
COM	MDIA	MDIA	4930	Special Problems ELIGIBLE GRADES: COURSE DESC:	IND	EL	1 to 3	12		I	U30		0
				REQUISITE: Permission required CR Seminar contents varies based on individual student interest and proposal of study.									
COM	MDIA	MDIA	4930	Special Problems ELIGIBLE GRADES: COURSE DESC:	IND	IS	1 to 3	12		I	U30		0
				REQUISITE: Permission required CR Seminar contents varies based on individual student interest and proposal of study.									
COM	MDIA	MDIA	4931	Independent Production Projects ELIGIBLE GRADES: COURSE DESC:	IND	EL	1 to 3	15		N	U30		0
				REQUISITE: MDIA major CR, PR Independent projects in media production.									
COM	MDIA	MDIA	4931	Independent Production Projects ELIGIBLE GRADES: COURSE DESC:	IND	IS	1 to 3	15		N	U30		0
				REQUISITE: MDIA major CR, PR Independent projects in media production.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4932	Independent Readings in Media	IND	EL	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Seminar contents varies.									
COM	MDIA	MDIA	4932	Independent Readings in Media	IND	IS	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Seminar contents varies.									
COM	MDIA	MDIA	4970T	Media Tutorial	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial on topics in Media.									
COM	MDIA	MDIA	4980T	Media Tutorial	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Honors Tutorial on topics in Media.									
COM	MDIA	MDIA	5011	Media and the Digital Divide	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Steeps the student in some of the most current literature on the quicksilver proliferation of new technologies throughout the world, with emphasis on who has access, command, and knowledge about these technologies and who is lacking and why. Readings explore the contours of the digital divide as it shapes and is shaped by culture amid shifting cultural and geopolitical climates.									
COM	MDIA	MDIA	5011	Media and the Digital Divide	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Steeps the student in some of the most current literature on the quicksilver proliferation of new technologies throughout the world, with emphasis on who has access, command, and knowledge about these technologies and who is lacking and why. Readings explore the contours of the digital divide as it shapes and is shaped by culture amid shifting cultural and geopolitical climates.									
COM	MDIA	MDIA	5012	Broadcasting for Social Justice: A History of Broadcasting and U.S. Social Movements (1930-Present).	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Historical analysis of the manner in which committed educators, media activists, and practitioners have sought to employ the reach of our broadcast media with the emerging struggle for civil/human rights in 20th- and 21st-century America. Conduct a detailed historical survey of social movements, beginning in the Depression-era, expanding through the birth of the civil-rights movement, anti-war, feminist, environmental, and anti-globalization movements. Of particular interest is a focus on media examples (Broadcast Reform Movement, educational/public broadcasting, Pacifica radio, Nat'l Fedration of Community Broadcasters, minority production consortia, the Cable Access Movement, media activism on the Internet in a continuation of the struggle for greater public participation).									
COM	MDIA	MDIA	5015	Media and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines relationships between media and socioeconomic development. These relationships are explored in the context of issues that include globalization, media ownership, participatory media, the digital divide, gender, and representations of poverty in mainstream media. Connections between media and development are assessed through considering media in a variety of forms, including television, radio, the Internet, motion pictures, and participatory media. Relationships are also examined at different scales, such as the global, national, and local scales, as well as in various parts of the world, including Latin America, Asia, Africa, and parts of the U.S., including Appalachia. Along with course readings, media content viewed in class serves as a basis for discussions.									
COM	MDIA	MDIA	5100	Studio Basics for Animation, Games and Video/Audio Post-Production	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introductory course for graduate students lacking basic production experience in the School of Media Arts and Studies. Students will concentrate in fundamental skills in two of the following content areas; either: Animation and Game Design or Video and Audio Post-Production. Course may be repeated one time to gain skills in the other content area.									
COM	MDIA	MDIA	5111	Media Phenomenology	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a framework through which students can investigate the ways that people experience media through their stories. Investigates how phenomenology, as theory and methodology, can effectively be applied in a range of contexts, demonstrating the value and utility of hermeneutics, semiotics, and deconstruction.									
COM	MDIA	MDIA	5111	Media Phenomenology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a framework through which students can investigate the ways that people experience media through their stories. Investigates how phenomenology, as theory and methodology, can effectively be applied in a range of contexts, demonstrating the value and utility of hermeneutics, semiotics, and deconstruction.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	5135	Documentary Genres	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Investigates the construction of nonfiction film and televisual documentary imagery from the inception of motion pictures (ca. 1895) through the current postmodern American media landscape. Examines the influences American network television and video technology has had on the documentary genre. Investigate the role and impact of foundation support, public broadcasting, cable networks, and media activism.									
COM	MDIA	MDIA	5140	New Media and Communication Technologies	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the role of digital technologies and broadband networks in the implementation of modern media and communication services. Emerging applications in telephony, cable, wireless, satellite, broadcasting, Internet and multimedia are highlighted.									
COM	MDIA	MDIA	5141	Satellite Media and Communication	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An overview on the role of space satellites in global media and communication from historical, technical, regulatory, economic, cultural and programmatic perspectives.									
COM	MDIA	MDIA	5150	Media and Globalization	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course highlights fundamental issues and debates regarding the relationships between media and globalization. Through lectures, readings, and critically examining media content in various forms (e.g. excerpts from motion pictures, web-based content, music, etc.), students explore and evaluate various perspectives regarding media and globalization. The course examines relationships between media and globalization over time, at various geographic scales, across a range of national contexts, and from assorted stakeholders' perspectives. At the same time, it broadly considers the social, political, economic, and cultural linkages between media and globalization.									
COM	MDIA	MDIA	5150	Media and Globalization	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course highlights fundamental issues and debates regarding the relationships between media and globalization. Through lectures, readings, and critically examining media content in various forms (e.g. excerpts from motion pictures, web-based content, music, etc.), students explore and evaluate various perspectives regarding media and globalization. The course examines relationships between media and globalization over time, at various geographic scales, across a range of national contexts, and from assorted stakeholders' perspectives. At the same time, it broadly considers the social, political, economic, and cultural linkages between media and globalization.									
COM	MDIA	MDIA	5160	History of Computer Graphics	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		PR Investigates the history of special effects in film from Melies to ILM, with an emphasis on narrative integration and technical achievement.									
COM	MDIA	MDIA	5170	Media and the Muslim World	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Introduces students to topics related to the growing interest in the uses of media in and about the Muslim world. Examines controversial issues regarding how Islam has been and continues to be depicted in the U.S. media, as well as how different media practitioners are working to change that image.									
COM	MDIA	MDIA	5170	Media and the Muslim World	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Introduces students to topics related to the growing interest in the uses of media in and about the Muslim world. Examines controversial issues regarding how Islam has been and continues to be depicted in the U.S. media, as well as how different media practitioners are working to change that image.									
COM	MDIA	MDIA	5172	Public Media: Past, Present, and Future	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Historical development, current status, and challenges to public media.									
COM	MDIA	MDIA	5172	Public Media: Past, Present, and Future	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Historical development, current status, and challenges to public media.									
COM	MDIA	MDIA	5175	Media & Sexual Representation	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses ways that media shape templates of sexuality, gender, and eroticism, and how their representations reflect the imperatives of culture, the ephemerality of fashion, and the limitations of law.									
COM	MDIA	MDIA	5176	Technology, Communication, and Culture	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines ways in which communication technologies shape and structure a culture, and also ways in which a culture, in turn, uses those technologies first to stabilize itself and second to discover meaning.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	5176	Technology, Communication, and Culture	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines ways in which communication technologies shape and structure a culture, and also ways in which a culture, in turn, uses those technologies first to stabilize itself and second to discover meaning.									
COM	MDIA	MDIA	5301	Music Production & Technology	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5100 or permission Advanced instruction in specific popular music multitrack recording techniques (drums, guitars, keyboards, and additional acoustic instrumentation), midi, looping and sampling techniques, DAW techniques, outboard processing gear, and session management. Also covered are practical concerns such as producer/artist agreements and project budgeting.									
COM	MDIA	MDIA	5301	Music Production & Technology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5100 or permission Advanced instruction in specific popular music multitrack recording techniques (drums, guitars, keyboards, and additional acoustic instrumentation), midi, looping and sampling techniques, DAW techniques, outboard processing gear, and session management. Also covered are practical concerns such as producer/artist agreements and project budgeting.									
COM	MDIA	MDIA	5302	Music Production: Mixing and Delivery	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5301 The follow up to "Music Production & Technology" builds on the material covered in that course. Students take projects initiated in "Music Prod & Tech" and apply post production techniques and technology to generate final mixes of the tracks they have produced. Comparison of student work to similar commercially released work and critical listening are covered. Varying mixdown formats and media are discussed and implemented (including "in-the-box," stem and analog techniques). Mastering techniques and tools are used by students to deliver final versions. Various delivery options (the Internet, software and "hard copies") are generated and discussed.									
COM	MDIA	MDIA	5302	Music Production: Mixing and Delivery	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5301 The follow up to "Music Production & Technology" builds on the material covered in that course. Students take projects initiated in "Music Prod & Tech" and apply post production techniques and technology to generate final mixes of the tracks they have produced. Comparison of student work to similar commercially released work and critical listening are covered. Varying mixdown formats and media are discussed and implemented (including "in-the-box," stem and analog techniques). Mastering techniques and tools are used by students to deliver final versions. Various delivery options (the Internet, software and "hard copies") are generated and discussed.									
COM	MDIA	MDIA	5401	Game Development I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5100 or permission An exploration of all aspects of 3D game development. Topics include: file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part two of three in the game development sequence.									
COM	MDIA	MDIA	5402	Game Development II	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5401 An exploration of all aspects of 3D game development. Topics include file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part three of three in the game development sequence.									
COM	MDIA	MDIA	5405	Games Development and Animation III	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5402 Advanced animation and game portfolio project development. Students complete animation and game projects, assess professional portfolios and craft their own demo portfolios highlighting their work from this and previous classes.									
COM	MDIA	MDIA	5501	Animation	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5100 or permission Processes and tools involved in the production of digital media projects involving sound and animated moving images. Exploration of the topics of texturing, lighting, and animation rigging and modeling.									
COM	MDIA	MDIA	5501	Animation	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5100 or permission Processes and tools involved in the production of digital media projects involving sound and animated moving images. Exploration of the topics of texturing, lighting, and animation rigging and modeling.									
COM	MDIA	MDIA	5502	Animation II	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5501 A continuation of the advanced principles of computer modeling and animation. Builds on the topics of rigging, texturing, lighting, and animation.									
COM	MDIA	MDIA	5502	Animation II	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5501 A continuation of the advanced principles of computer modeling and animation. Builds on the topics of rigging, texturing, lighting, and animation.									
COM	MDIA	MDIA	5502	Animation II	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				MDIA 5501 A continuation of the advanced principles of computer modeling and animation. Builds on the topics of rigging, texturing, lighting, and animation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	5505	Compositing	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or permission							
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.									
COM	MDIA	MDIA	5505	Compositing	DIS	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or permission							
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.									
COM	MDIA	MDIA	5505	Compositing	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or permission							
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.									
COM	MDIA	MDIA	5505	Compositing	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or permission							
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.									
COM	MDIA	MDIA	5540	Personal Values in Telecommunications	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Explores the nature of personal values and surveys the values that have shaped and are shaping American culture. Examines the role of the individual within media institutions and of the media within American culture.									
COM	MDIA	MDIA	5601	Media Financial Management	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Consideration of fiscal problems in media businesses and industries with special emphasis on financial policies and economic factors.									
COM	MDIA	MDIA	5680	Action Research	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR							
		COURSE DESC:		An experiential and interactive approach to the systematic use of media resources by groups, organizations and communities, in development and business, to promote, produce, and support social change.									
COM	MDIA	MDIA	5700	Single Camera Video Field Production	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of single-camera video and field production techniques. Students will develop their creative voice and storytelling abilities.									
COM	MDIA	MDIA	5701	Producing for Video, Web and New Media	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Warning: No credit for this course if taken after the following: MDIA 3600							
		COURSE DESC:		Focuses on the role of the producer in the video, web and new media industries. Particular attention is placed on developing marketable ideas, research, production planning, budgeting, and pitching.									
COM	MDIA	MDIA	5702	Multicamera Production for Television and Web	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		An intensive, practical introduction to television/web studio production. Students direct a variety of program formats, including interviews, demonstrations, scripted shows and live current affairs productions. Develop producing and directing skills, to communicate effectively over talkback, to acquire good time management skills, and to write studio camera scripts for television and web series production.									
COM	MDIA	MDIA	5705	Writing and Producing the Video Podcast Series	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based projects.									
COM	MDIA	MDIA	5705	Writing and Producing the Video Podcast Series	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based projects.									
COM	MDIA	MDIA	5706	Nonfiction Video and Television Storytelling Production	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of nonfiction video production techniques that might be found in documentary, corporate/industrial videos or reality television production. Through this process students will develop their creative voice and storytelling abilities.									

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COM	MDIA	MDIA	5750	Politics and Electronic Media	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the complex interaction among the media, citizens, politicians, and other political actors, including how politicians use media in election campaigns, and how citizens and activists use media in the political process.									
COM	MDIA	MDIA	5750	Politics and Electronic Media	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the complex interaction among the media, citizens, politicians, and other political actors, including how politicians use media in election campaigns, and how citizens and activists use media in the political process.									
COM	MDIA	MDIA	5801	Sound for Moving Image	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		Explores the technical and aesthetic aspects of sound as it relates to the moving image. Mixing to picture, SMPTE synchronization to video, Foley, sound effects, dialogue replacement, and music for picture will all be covered.									
COM	MDIA	MDIA	5802	Video Editing Aesthetics	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		Move beyond the technical side of video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing digital programming, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.									
COM	MDIA	MDIA	5802	Video Editing Aesthetics	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		Move beyond the technical side of video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing digital programming, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.									
COM	MDIA	MDIA	5803	Media and Web Delivery	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		This course examines the design and production issues of web-based media and the business of online distribution within the context of traditional distribution channels (e.g.: blogging, webcasting, podcasting, viral videos, etc.).									
COM	MDIA	MDIA	5803	Media and Web Delivery	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		This course examines the design and production issues of web-based media and the business of online distribution within the context of traditional distribution channels (e.g.: blogging, webcasting, podcasting, viral videos, etc.).									
COM	MDIA	MDIA	5804	Motion Graphics	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	VICO 5400 or MDIA 5100						
		COURSE DESC:		Deep exploration of the design and creation of motion graphic elements using Apple Motion, LiveType, After Effects and a little PhotoShop. Composition, moving composition, typography, color, and other digital image design elements are addressed.									
COM	MDIA	MDIA	5804	Motion Graphics	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	VICO 5400 or MDIA 5100						
		COURSE DESC:		Deep exploration of the design and creation of motion graphic elements using Apple Motion, LiveType, After Effects and a little PhotoShop. Composition, moving composition, typography, color, and other digital image design elements are addressed.									
COM	MDIA	MDIA	5805	Advanced Digital Video Postproduction	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401						
		COURSE DESC:		Work individually and in collaborative teams in advanced post. Accomplished MDIA production students work with pre-existing material. The focus is strategies rather than new tools, but expanded use of software applications from previous courses. One product is your portfolio reel.									
COM	MDIA	MDIA	5810	Media and Identity	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces the students to the way media construct and represent social and cultural identities such as race, class, gender, age, and sexual orientation. Considers various theories of representation such as feminist theory, race theory, and white privilege.									
COM	MDIA	MDIA	5900	Special Topics in Media Arts and Studies	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	MDIA	MDIA	5900	Special Topics in Media Arts and Studies	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	5937	Independent Production Projects	IND	IS	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent production projects under the supervision of faculty. Advance project approval required.									
COM	MDIA	MDIA	6000	Introduction to Graduate Study	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Prepares students for graduate study through analysis and discussion of research and teaching.									
COM	MDIA	MDIA	6010	Introduction to Mass Communication Research	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Concerned with basic principles of scholarly research in mass communication. Become familiar with general concepts and procedures employed in the main research methodologies of mass communication, and each is responsible for conducting and reporting his/her own formal pilot research project.									
COM	MDIA	MDIA	6020	Quantitative Comm Research	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasizes the principles, logic, underlying assumptions, and techniques of quantitative methodologies commonly employed in communication research. Deals both with research design and strategies of analysis.									
COM	MDIA	MDIA	6030	Qualitative Research Methods in Media Studies	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Basic knowledge of research methods is strongly recommended									
		COURSE DESC:		Provides an introduction to qualitative research methods, particularly as applied to mass communication and media culture research. Through readings, class discussions, and individual work, students will gain an appreciation of the complexity of qualitative research, and will begin to use these methods to conduct their own research.									
COM	MDIA	MDIA	6080	Seminar in Communication and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an overview of the communication and development field and serves as a foundation for the subsequent in-depth study and analysis of specific aspects of the role of communication in development and social change. Explores the complex relationships between communication and human and social development, and the role that communication plays in promoting (or impeding) social change and development. Throughout the seminar participation, collective research and teamwork are emphasized, and participants are expected to undertake both individual and group projects.									
COM	MDIA	MDIA	6080	Seminar in Communication and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an overview of the communication and development field and serves as a foundation for the subsequent in-depth study and analysis of specific aspects of the role of communication in development and social change. Explores the complex relationships between communication and human and social development, and the role that communication plays in promoting (or impeding) social change and development. Throughout the seminar participation, collective research and teamwork are emphasized, and participants are expected to undertake both individual and group projects.									
COM	MDIA	MDIA	6081	Introduction to Theory in Communication and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Serves as one of the three core courses offered to students in the Communication and Development Studies graduate program during their first semester in the program. Introduces students to key communication theories that have been associated with communication for development practice since World War II. The course examines micro, mid-range, and macro-level theories, connecting those formulations to the various paradigms that have guided development practice by influential international agencies and organizations. The course also isolates for discussion the theory-based competencies required of professionals currently working in the field of communication for development. Thus, the seminar focuses upon theoretical formulations in areas that include behavior change theories, social learning theory, social cognitive theory, and interpersonal communication. It also covers mass communication theories that have particular relevance to communication for development, including theories of media dependency, cultivation, and media effects. Furthermore, students are introduced to other key issues and theories related to the field, including diffusion of innovations and entertainment-education. In short, the course focuses on the theoretical competencies required of Comm Dev students to be successful in their eventual academic and/or professional careers.									
COM	MDIA	MDIA	6081	Introduction to Theory in Communication and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Serves as one of the three core courses offered to students in the Communication and Development Studies graduate program during their first semester in the program. Introduces students to key communication theories that have been associated with communication for development practice since World War II. The course examines micro, mid-range, and macro-level theories, connecting those formulations to the various paradigms that have guided development practice by influential international agencies and organizations. The course also isolates for discussion the theory-based competencies required of professionals currently working in the field of communication for development. Thus, the seminar focuses upon theoretical formulations in areas that include behavior change theories, social learning theory, social cognitive theory, and interpersonal communication. It also covers mass communication theories that have particular relevance to communication for development, including theories of media dependency, cultivation, and media effects. Furthermore, students are introduced to other key issues and theories related to the field, including diffusion of innovations and entertainment-education. In short, the course focuses on the theoretical competencies required of Comm Dev students to be successful in their eventual academic and/or professional careers.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	6082	Introduction to Research in Communication and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course serves as one of the three core courses required for students in the Communication and Development Studies graduate program during their first semester. It introduces ¿Comm Dev¿ students to basic principles associated with conducting graduate level research, with some focus on key research considerations related to the field of Communication for Development. With that in mind, the course covers critical elements necessary for conducting graduate-level, scholarly research more generally, including identifying a research topic; accessing scholarly research; writing a literature review; and research ethics. The students are also introduced to research design, and to qualitative and quantitative methodological approaches to collecting and analyzing data. At the same time, methodological elements that help define Communication for Development as an academic and professional field serve to further inform readings, lectures, and discussions. Course topics with this relatively more specific programmatic focus include monitoring and evaluation; rapid appraisal methods (e.g. mini-surveys, transect walks, and community mapping); and participatory methods (e.g. focus groups and community discussions).									
COM	MDIA	MDIA	6082	Introduction to Research in Communication and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course serves as one of the three core courses required for students in the Communication and Development Studies graduate program during their first semester. It introduces ¿Comm Dev¿ students to basic principles associated with conducting graduate level research, with some focus on key research considerations related to the field of Communication for Development. With that in mind, the course covers critical elements necessary for conducting graduate-level, scholarly research more generally, including identifying a research topic; accessing scholarly research; writing a literature review; and research ethics. The students are also introduced to research design, and to qualitative and quantitative methodological approaches to collecting and analyzing data. At the same time, methodological elements that help define Communication for Development as an academic and professional field serve to further inform readings, lectures, and discussions. Course topics with this relatively more specific programmatic focus include monitoring and evaluation; rapid appraisal methods (e.g. mini-surveys, transect walks, and community mapping); and participatory methods (e.g. focus groups and community discussions).									
COM	MDIA	MDIA	6090	Applied Research Methods in Communication and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 6010 and 6080						
		COURSE DESC:		Introduces key research methods used in applied communication and development projects. Content includes a range of dominant and emerging research methods used across formative, process and summative evaluation phases, with greater emphasis of qualitative and participatory research techniques. Guides students through the process of designing a formative research plan, a monitoring system, and an evaluation framework, with a focus on specific areas of development (health, education, environment, human rights, conflict).									
COM	MDIA	MDIA	6090	Applied Research Methods in Communication and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 6010 and 6080						
		COURSE DESC:		Introduces key research methods used in applied communication and development projects. Content includes a range of dominant and emerging research methods used across formative, process and summative evaluation phases, with greater emphasis of qualitative and participatory research techniques. Guides students through the process of designing a formative research plan, a monitoring system, and an evaluation framework, with a focus on specific areas of development (health, education, environment, human rights, conflict).									
COM	MDIA	MDIA	6100	Introduction to Audio and Video Production	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	CR, PR						
		COURSE DESC:		An introductory course for graduate students lacking production experience. Covers audio and video theory and terminology and production planning. Provides experience in audio and video production.									
COM	MDIA	MDIA	6100	Introduction to Audio and Video Production	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	CR, PR						
		COURSE DESC:		An introductory course for graduate students lacking production experience. Covers audio and video theory and terminology and production planning. Provides experience in audio and video production.									
COM	MDIA	MDIA	6130X	Research in Social Data Analytics	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course highlights the interdisciplinary research in social data that arises from human interactions online. Based on lectures, readings, and hands-on tutorials, the course will focus on collection, analysis, and visualization of social media data. The aim of the course is to build data analytic skills for novice and intermediate researchers. The course comprises two primary parts: (1) Focus on theoretical principles, approaches, and challenges in social data (2) A course research project in which students apply the knowledge gained in the first half of the semester to produce research papers of publishable quality.									
COM	MDIA	MDIA	6171	Children, Youth, and Media	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the many issues and concerns defining the relationship between children and youth and their media from both a social science and cultural studies approach. Begins with children's earliest experiences and concludes with the role of social networking and teen television. Websites, motion pictures, and television will be among the media considered in a local, national, and global setting.									
COM	MDIA	MDIA	6171	Children, Youth, and Media	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the many issues and concerns defining the relationship between children and youth and their media from both a social science and cultural studies approach. Begins with children's earliest experiences and concludes with the role of social networking and teen television. Websites, motion pictures, and television will be among the media considered in a local, national, and global setting.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	6200	Virtual Reality Studio	STU	ST	1 to 6	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced study in immersive audio, 360-degree video, motion capture and/or digital imaging techniques used in the creation of virtual reality projects. Initial emphasis on equipment and software knowledge; followed by workflow processes, team building, project management and production processes. This is a production intensive course.									
COM	MDIA	MDIA	6202	Professionals Screenwriting for TV and Film	SEM	EL	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Deep exploration into the creative and business decisions needed to write successful feature length screenplays and/or spec television scripts.									
COM	MDIA	MDIA	6202	Professionals Screenwriting for TV and Film	SEM	SE	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Deep exploration into the creative and business decisions needed to write successful feature length screenplays and/or spec television scripts.									
COM	MDIA	MDIA	6900	Special Topics in Media Arts and Studies	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	MDIA	MDIA	6900	Special Topics in Media Arts and Studies	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	MDIA	MDIA	6901	Special Topics in Media Arts & Studies	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Special offerings based on faculty expertise, availability of visiting professionals, student interest, and current trends.									
COM	MDIA	MDIA	6920	Immersive Media Practicum	PRA	PR	1 to 9	18		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F This course integrates graduate students into a hands-on work environment in Virtual and Augmented Reality production, focusing their efforts on faculty-led immersive media projects. Students work with faculty and staff as part of a multi-person team to accomplish project-specific goals during the assigned semester.									
COM	MDIA	MDIA	6930	Independent Study	IND	IS	1 to 12	30		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Individual research on special problems. Projects must be approved prior to registration.									
COM	MDIA	MDIA	6950	Thesis	THE	TH	1 to 8	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Research applicable to thesis									
COM	MDIA	MDIA	7000	Professional Seminar in Media Arts & Studies	SEM	SE	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		MDIA 6000 This professional seminar provides doctoral students with a forum to explore the roles of scholar, teacher, practitioner, and colleague. Structured approach to developing philosophies of teaching and service as well as guidance in the preparation of scholarly manuscripts, effective teaching, and conference presentation skills.									
COM	MDIA	MDIA	7100	Management and Leadership in Media Industries	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consideration and examination of theory and practice in media management, organization, personnel management, and motivation; examines roles of manager and leader in relationship to various media operations.									
COM	MDIA	MDIA	7102	Media Content Management	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Consideration and examination of theory and practice in the processes of evaluating, selecting, scheduling, promoting, distributing, and marketing media content									
COM	MDIA	MDIA	7105	Audience Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Develops an understanding of the methods and relevant theories for the study of media audiences/users through readings and classroom discussion of audience theory and both scholarly and media industry research practice. Students will be able to design and execute an effective study to address audience, industry, policy, and/or theoretical goals.									
COM	MDIA	MDIA	7610	Media Law and Regulations	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Sociopolitical control of communications media; effects of laws, regulations, and public pressures upon policy.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	7610	Media Law and Regulations	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Sociopolitical control of communications media; effects of laws, regulations, and public pressures upon policy.									
COM	MDIA	MDIA	7670	Comparative and International Media Systems	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Concerns itself with policies and practices of domestic electronic media worldwide and the uses of electronic media in public diplomacy and in global media regimes. Presents a holistic perspective and emphasizes national doctrines, historical trends, cultural patterns, technologies, and programming, all placed within a comparative tradition.									
COM	MDIA	MDIA	7700	Mass Communication Theory	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Examines the intellectual genealogies and the factors that foster particular theoretical explanations of media's role in society. It begins with the early pragmatists and behaviorists of the early 1900s then moves to the influence of mid-century sociologists and finally considers the divergent theoretical paths taken in the 1970s.									
COM	MDIA	MDIA	7720	Critical and Cultural Theory	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to critical and cultural theories of media, beginning with Marxist political economy through "posthuman" approaches to evolving information and communication technologies. Through readings, class discussions, and individual work, gain an appreciation of often complementary and sometimes contradictory theories. Readings include landmark research and writing in the field as well as empirical applications of the theories.									
COM	MDIA	MDIA	7800	Seminar in Media Historical Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Historiographical issues in media research; examination of theoretical, and methodological topics; analysis of historical writing on media from various political, social, and cultural perspectives.									
COM	MDIA	MDIA	7940	Directed Research	RSC	RS	1 to 8	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
				CR, PR									
		COURSE DESC:		Individual research project under supervision of faculty.									
COM	MDIA	MDIA	8010	Seminar in Pedagogy	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Problems, methods, and techniques of teaching college-level media arts and studies.									
COM	MDIA	MDIA	8900	Special Topics in Media Arts and Studies	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	MDIA	8900	Special Topics in Media Arts and Studies	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	MDIA	8901	Seminar in Media Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Intensive study of research methodologies in mass communication scholarship; individual projects.									
COM	MDIA	MDIA	8930	Independent Study	IND	IS	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
				CR, PR									
		COURSE DESC:		Individual study and research on special problems. Projects must be approved prior to registration.									
COM	MDIA	MDIA	8950	Dissertation	THE	TH	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
				CR, PR									
		COURSE DESC:		Research applicable to dissertation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	1000	Introduction to Studies in Visual Communication	LEC	LE	3	0	2HL	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Offers an introduction to visual communication principles, aesthetics, research, and applications in the field. It prepares students for further study in the communication industry of photojournalism, commercial photography, interactive multimedia design, and publication design.									
COM	VICO	VICO	1014	Introduction to Visual Communication Skills: Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major and Warning: No credit if taken after VICO 1414 An introduction to information architecture, information design theory and principles, production techniques using industry specific software for both print and web.									
COM	VICO	VICO	1021	Introduction to Visual Communication Skills: Photography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major and WARNING: No credit if taken after VICO 1421 or 2521 An introduction to visual communication through still photography and image processing software. Student work is reviewed and critiqued for composition, content, technical excellence, and the ability to communicate the information of the original subject to the viewer. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	1115	Visual Communication Design I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1014 or 1414)) Advances knowledge of information architecture and design theory as applied to publication design beyond the basics.									
COM	VICO	VICO	1115	Visual Communication Design I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1014 or 1414)) Advances knowledge of information architecture and design theory as applied to publication design beyond the basics.									
COM	VICO	VICO	1414	Introduction to Visual Communication Design	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major An introduction to information architecture, information design theory and principles, production techniques using industry specific software for both print and web.									
COM	VICO	VICO	1414	Introduction to Visual Communication Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major An introduction to information architecture, information design theory and principles, production techniques using industry specific software for both print and web.									
COM	VICO	VICO	1421	Introduction to Visual Communication Skills: Photography	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major An introduction to visual communication through still photography and image processing software. Student work is reviewed and critiqued for composition, content, technical excellence, and the ability to communicate the information of the original subject to the viewer. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	1421	Introduction to Visual Communication Skills: Photography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and VICO major An introduction to visual communication through still photography and image processing software. Student work is reviewed and critiqued for composition, content, technical excellence, and the ability to communicate the information of the original subject to the viewer. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	1422	Visual Communication Photography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: VICO 1000 and C or better in 1021 and VICO major A foundation class in the basic imaging tools and techniques used for visual communication. The course will examine methods for effective communication using images as a language as well as intermediate image processing techniques. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	2161	Interactive I: Web Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1014 or 1414)) Introduction to Web design will provide an overview of Internet design and user-interface, and will provide students with the analytical and technical skills, aesthetic and creativity needed to design for the World Wide Web.									
COM	VICO	VICO	2161	Interactive I: Web Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1014 or 1414)) Introduction to Web design will provide an overview of Internet design and user-interface, and will provide students with the analytical and technical skills, aesthetic and creativity needed to design for the World Wide Web.									
COM	VICO	VICO	2162	Interactive II: Advanced Web Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 2161 or 361 Provides students with advanced skills, which include the utilization of the human interface, design, Web delivery, information architecture, and creation/production of multimedia-based visuals for Internet delivery.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	2221	Commercial Photography I: Introduction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1021 and JOUR 1330)									
				Introduction to the basic tools of photographic illustration including approaches to fashion, still life, and lighting as well as the basic tools of the medium format camera. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee applies.									
COM	VICO	VICO	2390	Photojournalism I: Single Images	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1021 or 1421)									
				Introduction to photojournalism techniques, tools, history, ethics, and content issues. The emphasis in this course is use of the single image to communicate ideas, information and emotions. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	2392	Photojournalism II: Picture Story	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2390 and JOUR 1330)									
				An examination of the techniques and journalistic practices used to create the photographic narrative form. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	2400	Illustration I: Digital Imaging	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 1021									
				Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery. Cooperative buying fee.									
COM	VICO	VICO	2401	Multimedia Production for Visual Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1000 and (1115 or 2392))									
				Editing and production of audio, video, and multi-format visual storytelling content in a journalistic environment. Students will be introduced to the industry standard software and workflow techniques.									
COM	VICO	VICO	2420	Visual Communication Topic Seminar I	SEM	EL	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: VICO 1014 and C or better in 1000									
				CR									
				A flexible format for examining current and future topics in visual communication. Because of constantly changing trends in the profession, topics will vary as an area of need not covered in an existing course is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.									
COM	VICO	VICO	2420	Visual Communication Topic Seminar I	SEM	SE	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: VICO 1014 and C or better in 1000									
				CR									
				A flexible format for examining current and future topics in visual communication. Because of constantly changing trends in the profession, topics will vary as an area of need not covered in an existing course is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.									
COM	VICO	VICO	2432	Visual Communication Business Practices	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: VICO 1014 and 1021 and C or better in 1000									
				CR, PR									
				Examines the business side of visual communication with an emphasis on entrepreneurship.									
COM	VICO	VICO	2435	Visual Communication Picture Editing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: VICO 1000 and 1021 and C or better in 1014									
				The theory, principles and practices of picture editing with an emphasis on rhetoric and persuasion. From visually-driven content origination to broadsheet and sequential presentation of images in both print and electronic formats.									
COM	VICO	VICO	2500	Digital imaging: Using Photoshop	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Using Photoshop as a tool to create solutions to visual communication and electronic imaging problems. This course assumes a basic working knowledge of the program.									
COM	VICO	VICO	2500	Digital imaging: Using Photoshop	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Using Photoshop as a tool to create solutions to visual communication and electronic imaging problems. This course assumes a basic working knowledge of the program.									
COM	VICO	VICO	2514	Introduction to Basic Publication Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Not VICO majors									
				An introduction to information architecture, information design theory and principles, and production techniques using industry specific software for publication. This course is for non-VisCom majors.									
COM	VICO	VICO	2521	Introduction to Basic Photography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Not VICO majors and WARNING: No credit if taken after VICO 1021 or 1421									
				Introduction to the techniques and aesthetics of photography. This course is for non-VisCom majors.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	2561	Introduction to Basic Web Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Not VICO majors									
				Introduction to the techniques and aesthetics of web design. This course is for non-VisCom majors only.									
COM	VICO	VICO	2900	Special Topics in Visual Communication	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	2900	Special Topics in Visual Communication	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	3111	Design II: Informational Graphics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 1115 and JOUR 1330)									
				The visual presentation of quantitative and spatial information. This course examines the planning, design, and production of charts, graphs, diagrams, and maps for both print and electronic publication. Cooperative buying fee applies.									
COM	VICO	VICO	3115	Design III: Advanced Publication Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2435 and 3111)									
				Advanced study in information architecture through publication design. Cooperative buying fee.									
COM	VICO	VICO	3141	Illustration II: Editorial Illustration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 3115									
				Application of industry-specific tools and techniques for illustrative visual communication of story concepts in both magazine and printing environments. Students will understand the process and application of both traditional and digital techniques of illustration.									
COM	VICO	VICO	3173	Interactive III: Interactive Media	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2162 and JOUR 1330)									
				Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered. Cooperative buying fee.									
COM	VICO	VICO	3227	Commercial Photography II: Fashion and portraiture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2221 and JOUR 1330)									
				The exploration and interpretation of the interaction of gesture, movement, and light in relation to capturing the essence of people and garments. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	3228	Commercial Photography III: Still life and Architecture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 3227									
				An exploration of the principles of lighting and camera techniques for still life, interior design, and architectural image making. This course covers both studio and location photography. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	3320	Photojournalism III: Motion and Sound	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2392)									
				Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									
COM	VICO	VICO	3320	Photojournalism III: Motion and Sound	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2392)									
				Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									
COM	VICO	VICO	3360	Photojournalism in Scotland	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: C or better in VICO 2390									
		COURSE DESC:		CR									
				Intermediate photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	3360	Photojournalism in Scotland	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: C or better in VICO 2390									
		COURSE DESC:		CR									
				Intermediate photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	3361	Photojournalism in Scotland II	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: C or better in VICO 2390									
		COURSE DESC:		Advanced photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	3420	Visual Communication Topic Seminar II	SEM	EL	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (VICO 1021 or 1014) and C or better in 1000									
		COURSE DESC:		A flexible format for examining current and future topics in visual communication. Because of constantly changing trends in the profession, topics will vary as an area of need not covered in an existing class is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.									
COM	VICO	VICO	3420	Visual Communication Topic Seminar II	SEM	SE	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (VICO 1021 or 1014) and C or better in 1000									
		COURSE DESC:		A flexible format for examining current and future topics in visual communication. Because of constantly changing trends in the profession, topics will vary as an area of need not covered in an existing class is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.									
COM	VICO	VICO	3450	Visual Communication Traditional Darkroom techniques	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: C or better in (VICO 2392 or 3228)									
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									
COM	VICO	VICO	3450	Visual Communication Traditional Darkroom techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: C or better in (VICO 2392 or 3228)									
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									
COM	VICO	VICO	3921	Synthesis Storytelling for Visual Communication	PRA	PR	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal									
		COURSE DESC:		Will gather students from across disciplines to publish the journalistically-based multimedia publication Soul of Athens.									
COM	VICO	VICO	3922	Synthesis Commercial Project for Visual Communication	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal									
		COURSE DESC:		A commercial photography-based practicum where students from various disciplines produce a published project.									
COM	VICO	VICO	3923	Synthesis Design Project For Visual Communication	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal									
		COURSE DESC:		Will gather students from across disciplines to publish a design-based publication.									
COM	VICO	VICO	3924	Synthesis Multimedia Project For Visual Communication	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal									
		COURSE DESC:		A multimedia and delivery platform based practicum where students from various disciplines produce a published project.									
COM	VICO	VICO	4004X	Semester in D.C.: Data Visualization	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A seminar exploring how data visualization is used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government utilize data visualization.									
COM	VICO	VICO	4005X	Semester in D.C.: Image	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A seminar exploring how images are used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government use photography and video to shape public perception.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	4099X	Semester in D.C.: Social Media	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A seminar exploring the role of social media in Washington, D.C. Students will meet with industry professionals and analyze various social media uses as it is applied to communication within the nation's capital.									
COM	VICO	VICO	4112	Illustration Capstone: Advanced Informational Graphics	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in VICO 3111 and 3141) and Sr only									
		COURSE DESC:		Capstone application of informational graphics techniques with emphasis on design and production techniques as they pertain to print and electronic formats. Cooperative buying fee.									
COM	VICO	VICO	4188	Interactive Capstone: Advanced Interactive Media	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 3173 and Sr only									
		COURSE DESC:		Advanced interactive media planning, production, user-interface, and information architecture. Students will apply advanced design, content management, and delivery across emerging platforms.									
COM	VICO	VICO	4200	Video Capture for Commercial Photography	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 3227 or VICO 3228									
		COURSE DESC:		This course will introduce commercial photography students to digital single-lens- reflex cameras as used for video capture; video photography techniques including camera and subject movement; and continuous-source lighting skills. Much of class time will be spent in the studio or on location doing hands-on work practicing video capture and lighting techniques.									
COM	VICO	VICO	4227	Commercial Photography IV: Business and Studio Practices	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 3228									
		COURSE DESC:		An advanced investigation of the principles of studio management and business practices. Areas of study will include copyright, computer usage, self promotion, and financial management while executing advanced illustration concept images in a simulated professional environment. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	4229	Advanced Photographic Illustration: Applications	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 4227 and Sr only									
		COURSE DESC:		A synthesis of business and photographic skills. Students will be given simulations based on a complete project concept that reflects the realities of working professionally. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	4321	Documentary and Essay Photojournalism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 3320									
		COURSE DESC:		The use of still photography as a tool for social, anthropological, and journalistic investigation of contemporary issues. Using methods defined by traditional field researchers, the class will expand the use of the photograph for collection and interpretation of selected subjects. Students are expected to have transportation for field work. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	4386	Photojournalism Capstone	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VICO 2392, 2435 and 3320 and Sr									
		COURSE DESC:		Advanced visual production work in journalistic photographic reportage, with particular emphasis on the picture story and photographic essay. Participants are expected to synthesize learning from a wide variety of courses including design, writing, audio, and both still and motion imagery to produce complete communication packages for both print and electronic delivery. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	4387	Advanced Photographic Reportage	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 4386									
		COURSE DESC:		Advanced visual production work in magazine design, with particular emphasis on the picture story or photographic essay. This class will use a wide range of skills to produce a prototype magazine publication within a 14-week semester. The class demands audience research, visual content focus, field research, photography, writing, design, and production. The class involves the use of computers and film scanners for production. Cooperative buying fee.									
COM	VICO	VICO	4387	Advanced Photographic Reportage	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in VICO 4386									
		COURSE DESC:		Advanced visual production work in magazine design, with particular emphasis on the picture story or photographic essay. This class will use a wide range of skills to produce a prototype magazine publication within a 14-week semester. The class demands audience research, visual content focus, field research, photography, writing, design, and production. The class involves the use of computers and film scanners for production. Cooperative buying fee.									
COM	VICO	VICO	4470	Graphics Systems Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VICO 1014 and 1021 and C or better in 1000									
		COURSE DESC:		Planning, configuration and maintenance of computer and communication systems used in the graphic arts industry. Course will survey electronic production methods and examine technical and practical issues of graphics computers, peripherals, applications, and system hardware. Cooperative buying fee.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	4492H	Visual Communication Honors Project	TUT	TU	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Jr or Sr) CR									
		COURSE DESC:		Departmental honors project resulting in a creative piece or original work, the result of supervised research or a collection of artistic endeavors. A written proposal must be approved by the faculty in advance. See the departmental faculty advisor for guidelines.									
COM	VICO	VICO	4900	Special Topics in Visual Communication	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	4900	Special Topics in Visual Communication	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	4926X	Semester in D.C.: Practicum	SEM	SE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A ten-week practicum in an area of concentration with an employer in the Washington, D.C. area. Students will work under the direct supervision of professionals in a work environment to gain experience and will be monitored by a faculty member.									
COM	VICO	VICO	4930	Individual Study	IND	IS	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 16 Hours in VICO and written proposal CR									
		COURSE DESC:		Individual course of study agreed upon with the permission and guidance of a faculty member. Written proposal required.									
COM	VICO	VICO	5004X	Semester in D.C: Data Visualization	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A seminar exploring how data visualization is used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government utilize data visualization.									
COM	VICO	VICO	5005X	Semester in D.C.: Image	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A seminar exploring how images are used in reporting and communication by media in Washington, D.C. Students will meet with industry professionals and analyze how various media outlets and communication related operations of government use photography and video to shape public perception.									
COM	VICO	VICO	5009X	Semester in D.C.: Soc Media	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A seminar exploring the role of social media in Washington, D.C. Students will meet with industry professionals and analyze various social media uses as it is applied to communication within the nation's capital.									
COM	VICO	VICO	5014	Information Design Basics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		Introduction to publication design. Introduction to content planning, the application of design principles and production techniques in print media using current technology.									
COM	VICO	VICO	5022	Graduate Seminar	LEC	LE	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MA or MSJ students only CR, PR									
		COURSE DESC:		Deals with such topics as ethics, current trends, internships, and the structure of the MA program. Professionals visiting campus are also asked to speak on topics concerning the visual communication profession.									
COM	VICO	VICO	5111	Visual Communication Design II: Informational Graphics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		The visual presentation of quantitative and spatial information. Examines the planning, design, and computer preparation of charts, graphs, diagrams, and maps for both print and electronic publication. Cooperative buying fee.									
COM	VICO	VICO	5112	Advanced Informational Graphics	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5111 CR, PR									
		COURSE DESC:		Capstone application of informational graphics techniques with emphasis on design and production techniques as they pertain to print and electronic formats. Cooperative buying fee.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5115	Design III: Advanced Publication Layout and Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022 PR									
		COURSE DESC:		Intermediate study in information architecture through publication design. Cooperative buying fee.									
COM	VICO	VICO	5141	Illustration II: Editorial Illustration	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5400 CR, PR									
		COURSE DESC:		Application of industry-specific tools and techniques for illustrative visual communication of story concepts in both magazine and printing environments. Students will understand the process and application of both traditional and digital techniques of illustration.									
COM	VICO	VICO	5161	Interactive I: Web Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014 and 5022 CR, PR									
		COURSE DESC:		Introduction to Web design will provide graduate students with an overview of Internet design and user-interface. The goal of the course is to provide students with the knowledge and analytical skills, technical skills, aesthetic, and creativity needed to successfully design for the Web.									
COM	VICO	VICO	5162	Interactive II: Advanced Web Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5161 CR, PR									
		COURSE DESC:		(cooperative buying fee) This class will provide students with advanced skills which include the utilization of the human interface, design, Web delivery, information architecture, creation/production of multimedia-based visuals for Internet delivery.									
COM	VICO	VICO	5173	Interactive III: Interactive Media	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5162 CR, PR									
		COURSE DESC:		Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered. Cooperative buying fee.									
COM	VICO	VICO	5200	Video Capture for Commercial Photography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022 PR									
		COURSE DESC:		This course will introduce commercial photography students to digital single-lens- reflex cameras as used for video capture; video photography techniques including camera and subject movement; and continuous-source lighting skills. Much of class time will be spent in the studio or on location doing hands-on work practicing video capture and lighting techniques.									
COM	VICO	VICO	5221	Commercial Photography I: Introduction	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022 PR									
		COURSE DESC:		Introduction to the basic tools of photographic illustration including approaches to fashion, still life, and lighting as well as the basic tools of the medium format camera. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee applies.									
COM	VICO	VICO	5227	Commercial Photography II: Fashion and portraiture	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		The exploration and interpretation of the interaction of gesture, movement, and light in relation to capturing the essence of people and garments. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	5228	Commercial Photography III: Still life and Architecture	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022 PR									
		COURSE DESC:		An exploration of the principles of lighting and camera techniques for still life, interior design, and architectural image making. This course covers both studio and location photography. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	5320	Photojournalism III: Motion and Sound	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5320	Photojournalism III: Motion and Sound	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									
COM	VICO	VICO	5321	Documentary and Essay Photojournalism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		The use of still photography as a tool for social, anthropological, and journalistic investigation of contemporary issues. Using methods defined by traditional field researchers, the class will expand the use of the photograph for collection and interpretation of selected subjects. Students are expected to have transportation for field work. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	5322	Introduction to Visual Communication Skills	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VICO 5022									
		COURSE DESC:		An introduction to visual communication skills in communication photography. Student work is reviewed for technical mastery, and the ability to communicate the information of the original subject to the viewer. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5360	Photojournalism in Scotland	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5381 CR, PR									
		COURSE DESC:		Intermediate photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5360	Photojournalism in Scotland	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5381 CR, PR									
		COURSE DESC:		Intermediate photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5361	Photojournalism in Scotland II	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5381 CR, PR									
		COURSE DESC:		Advanced photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5381	Editorial Photography	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		An introduction to the broad range of single image still photography as it is used in editorial publications. The goal of this photojournalism class is for students to acquire the skills to produce work worthy of publication in newspapers, magazines, and the Web.									
COM	VICO	VICO	5382	The Photographic Essay	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		An introduction to the photographic essay. The goal of this photojournalism class is to engage students in the research and imagining processes necessary to organize and produce in-depth photographic coverage on selected topics pertinent to and worthy of publication in newspapers, magazines, and on the Internet.									
COM	VICO	VICO	5386	Photojournalism Story	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014 and 5381 CR, PR									
		COURSE DESC:		Advanced visual production work in journalistic photographic reportage, with particular emphasis on the picture story and photographic essay. Participants are expected to synthesize learning from a wide variety of courses including design, writing, audio, and both still and motion imagery to produce complete communication packages for both print and electronic delivery. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5387	Advanced Photographic Reportage: Magazine	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5382									
		COURSE DESC:		Advanced visual production work in magazine design, with particular emphasis on the picture story or photographic essay. Use of a wide range of skills to produce a prototype magazine publication. Demands audience research, visual content focus, field research, photography, writing, design, and production. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5387	Advanced Photographic Reportage: Magazine	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5382									
		COURSE DESC:		Advanced visual production work in magazine design, with particular emphasis on the picture story or photographic essay. Use of a wide range of skills to produce a prototype magazine publication. Demands audience research, visual content focus, field research, photography, writing, design, and production. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5394	Small Systems Lighting	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022									
		COURSE DESC:		Will explore the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image. Students will experiment with a variety of lighting styles as they acquire the skills of using dedicated electronic flash units and portable lighting systems. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5394	Small Systems Lighting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022									
		COURSE DESC:		Will explore the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image. Students will experiment with a variety of lighting styles as they acquire the skills of using dedicated electronic flash units and portable lighting systems. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.									
COM	VICO	VICO	5400	Illustration I: Digital Imaging	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014									
		COURSE DESC:		Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery. Cooperative buying fee.									
COM	VICO	VICO	5401	Aspects of Photo Communication	LEC	LE	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Develops skills in visual perception, technique, and visual communication. Repeatable up to 20 hours but does not count toward M.A.									
COM	VICO	VICO	5435	Visual Communication Picture Editing	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014									
		COURSE DESC:		The theory, principles and practices of picture editing with an emphasis on rhetoric and persuasion. From visually-driven content origination to broadsheet and sequential presentation of images in both print and electronic formats.									
COM	VICO	VICO	5450	Visual Communication Traditional Darkroom Techniques	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									
COM	VICO	VICO	5450	Visual Communication Traditional Darkroom Techniques	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									
COM	VICO	VICO	5514	Introduction to Basic Publication Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: No credit if VICO major									
		COURSE DESC:		An introduction to information architecture, information design theory and principles, and production techniques using industry specific software for publication. This course is for non-VisCom majors.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5561	Introduction to Basic Web Design	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: No credit if VICO major CR, PR									
		COURSE DESC:		Introduction to the techniques and aesthetics of web design. This course is for non-VisCom majors only.									
COM	VICO	VICO	5900	Special Topics in Visual Communication	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	5900	Special Topics in Visual Communication	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	VICO	VICO	5926X	Semester in D.C.: Practicum	SEM	SE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A ten-week practicum in an area of concentration with an employer in the Washington, D.C. area. Students will work under the direct supervision of professionals in a work environment to gain experience and will be monitored by a faculty member.									
COM	VICO	VICO	6188	Interactive Capstone: Advanced Interactive Media	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5173 CR, PR									
		COURSE DESC:		Advanced interactive media planning, production, user-interface, and information architecture. Students will apply advanced design, content management, and delivery across emerging platforms.									
COM	VICO	VICO	6227	Commercial Photography IV: Business and Studio Practices	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5228 CR, PR									
		COURSE DESC:		An advanced investigation of the principles of studio management and business practices. Areas of study will include copyright, computer usage, self promotion, and financial management while executing advanced illustration concept images in a simulated professional environment. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	6229	Advanced Photographic Illustration: Applications	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5228 CR, PR									
		COURSE DESC:		A synthesis of business and photographic skills. Students will be given simulations based on a complete project concept that reflects the realities of working professionally. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	VICO	6401	Multimedia Production for Visual Communication	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		Editing and production of audio, video, and multi-format visual storytelling content in a journalistic environment. Students will be introduced to the industry standard software and workflow techniques.									
COM	VICO	VICO	6432	Visual Communication Business Practices	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022 CR, PR									
		COURSE DESC:		Examines the business side of visual communication with an emphasis on entrepreneurship.									
COM	VICO	VICO	6435	Seminar in Visual Communication	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Has emphasis on visual communication research and content analysis, and their application to visual management. This class will consist of readings, a short paper, group discussions, and a final project that includes a site visit to a publication of the student's choice.									
COM	VICO	VICO	6470	Management in Visual Communication	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Management techniques and issues in the visual communication environment.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	6900	Special Topics in Visual Communication	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	VICO	VICO	6900	Special Topics in Visual Communication	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
COM	VICO	VICO	6921	Synthesis Storytelling for Visual Communication	PRA	PR	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission									
		COURSE DESC:		CR, PR Will gather students from across disciplines to publish the journalistically-based multimedia publication Soul of Athens.									
COM	VICO	VICO	6922	Synthesis Commercial Project for Visual Communication	PRA	PR	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission									
		COURSE DESC:		CR, PR A commercial photography-based practicum where students from various disciplines produce a published project.									
COM	VICO	VICO	6930	Individual Study	IND	IS	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission									
		COURSE DESC:		CR, PR Individual course of study agreed upon with the permission and guidance of a department faculty member.									
COM	VICO	VICO	6960	Masters Project	THE	TH	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Five hours are required and only five will count toward the degree. However, a student may take up to 15 hours.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	2010	Career and Life Planning Seminar	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Designed to provide knowledge and skill in career and life planning for fr and soph, especially for those who are undecided about college major and career. Emphasis on identifying strengths, clarifying values, exploring career options, and developing decision-making skills. Special section for Adult Learning Services students only: designed to provide knowledge and skill in career and life planning especially for adult considering job or career change. Emphasis on identifying skills, interests, experience, and values in relationship to new career choices and options.									
EHS	C&HE	EDCE	2015	Camp Counseling Cultural Immersion: Service Learning	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Camp Counseling Cultural Immersion: Service Learning is for students to learn, practice, and reflect upon interpersonal helping skills in a community service context. Camp counseling equips students with interpersonal skills such as leadership, service, cultural diversity, and even helping profession microskills. Our course's laboratory combines youth from both at-risk and not at-risk backgrounds; from rural, urban, and suburban settings; of all races, ethnicities and cultures. Students in this course will volunteer for a week with our partner, Camp OtyOkwa (Big Brothers Big Sisters of Central Ohio) and practice 1) leadership and advocacy, 2) cross-cultural helping, and 3) team building skills through applied skill acquisition, service, and reflection.									
EHS	C&HE	EDCE	2015	Camp Counseling Cultural Immersion: Service Learning	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Camp Counseling Cultural Immersion: Service Learning is for students to learn, practice, and reflect upon interpersonal helping skills in a community service context. Camp counseling equips students with interpersonal skills such as leadership, service, cultural diversity, and even helping profession microskills. Our course's laboratory combines youth from both at-risk and not at-risk backgrounds; from rural, urban, and suburban settings; of all races, ethnicities and cultures. Students in this course will volunteer for a week with our partner, Camp OtyOkwa (Big Brothers Big Sisters of Central Ohio) and practice 1) leadership and advocacy, 2) cross-cultural helping, and 3) team building skills through applied skill acquisition, service, and reflection.									
EHS	C&HE	EDCE	2900	Special Topics in Education - Counselor Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCE	2900	Special Topics in Education - Counselor Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCE	3001	Case Management in Human Services	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The purpose of the course is to provide students with an introduction to case management for human service workers. The course provides foundational information related to managing a caseload including a diverse client population with disabilities and utilizing various agency policies and procedures. Examples of writing and interpreting various reports including psychological evaluations, vocational evaluations, physical therapy, and medical reports are utilized throughout the course. Lastly, students learn how to use the information to assist in making appropriate referrals for persons with varying disabilities.									
EHS	C&HE	EDCE	3002	Job Placement for Human Services Professionals	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course provides the student with an understanding of the basic concepts, theories, and techniques of job placement and development. This course examines issues related to the employment and job retention of people with disabilities including: uses of job analysis data; vocational assessment; uses of occupational and labor market information; principles of job modification and accommodation; job development methods; public and private sector job placement goals; employer human resource needs; supported employment; disability management and transitional work return programs.									
EHS	C&HE	EDCE	3003	Stress Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course familiarizes students with information and techniques relevant to stress and stress management that students can use to reduce stress within their lives.									
EHS	C&HE	EDCE	4000	Special Topics in Guidance, Counseling, and Student Personnel	LEC	LE	2 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Independent studies, specialized projects, and seminars on following special topics: alcohol and substance abuse; biofeedback, self control, and management of stress; marriage and family issues; assertiveness; human sexuality; and Adlerian theory, method, and research.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	4001	Human Service Professions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides a comprehensive overview of the knowledge and skills required for successful human services work. Students learn about the basics of client care in social service agencies. Students explore historical aspects, technology skill attainment, job requirements, models of service delivery, and beginning skills in the helping process.									
EHS	C&HE	EDCE	4100	Human Relations	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Study and practice of developing healthy and mutually satisfying interpersonal relationships. Lecture and discussion groups focus on dynamics of human relationships, factors fostering effective interaction, and significance of self concepts in human communication. Topical headings include value clarification, games people play, self disclosure and trust, conflict resolution, sexuality, prejudice, death and dying, multicultural education, sexism, constructive use of anger, etc.									
EHS	C&HE	EDCE	4400	Foundations in Group Dynamics	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		General principles and basic techniques of group dynamics. Interaction in human relations situations that occur in agency settings, business, classrooms, community, resident living, and various types of professionally led training, counseling, and growth groups. Through both cognitive and affective learning opportunities, students learn to understand and use group dynamics principles in areas of personal and professional interaction. Students attend weekly cognitive seminars as well as participate in ongoing group lab.									
EHS	C&HE	EDCE	4400	Foundations in Group Dynamics	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		General principles and basic techniques of group dynamics. Interaction in human relations situations that occur in agency settings, business, classrooms, community, resident living, and various types of professionally led training, counseling, and growth groups. Through both cognitive and affective learning opportunities, students learn to understand and use group dynamics principles in areas of personal and professional interaction. Students attend weekly cognitive seminars as well as participate in ongoing group lab.									
EHS	C&HE	EDCE	4900	Special Topics in Education - Counselor Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	C&HE	EDCE	4900	Special Topics in Education - Counselor Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	C&HE	EDCE	4910	Internship in Human Services	FLD	FE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EDCE 4001						
		COURSE DESC:		This course is the culminating experience for students who are providing services to clients in educational, community, and business settings. On-site supervision by staff is required, along with weekly conferences with faculty.									
EHS	C&HE	EDCE	4980	Ethical Issues in Human Services	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The course introduces students to the ethical standards and guidelines of human services professionals. Students focus on learning the knowledge and skills essential for ethical decision-making practices. Students explore their own values and biases within a multicultural context in relation to ethical and legal issues and helping relationships.									
EHS	C&HE	EDCE	6200	Foundations of Counseling: Clinical Mental Health, Rehabilitation, School Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Provides students with an introduction to the foundations of the professional counseling. Areas addressed include: history, philosophy, and current trends in professional counseling, including the specializations of clinical mental health counseling, rehabilitation counseling, and school counseling and educational settings.									
EHS	C&HE	EDCE	6200	Foundations of Counseling: Clinical Mental Health, Rehabilitation, School Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Provides students with an introduction to the foundations of the professional counseling. Areas addressed include: history, philosophy, and current trends in professional counseling, including the specializations of clinical mental health counseling, rehabilitation counseling, and school counseling and educational settings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6220	Career Development: Research and Theory	LEC	EL	3	7		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theories, practices, methods, and processes of career development for varied settings: school, community, business; review programs which develop career planning/life components; exploration of career education and counseling opportunities; review and/or implementation of career-related research.									
EHS	C&HE	EDCE	6220	Career Development: Research and Theory	LEC	LE	3	7		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theories, practices, methods, and processes of career development for varied settings: school, community, business; review programs which develop career planning/life components; exploration of career education and counseling opportunities; review and/or implementation of career-related research.									
EHS	C&HE	EDCE	6240	Professional School Counseling	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200									
		COURSE DESC:		Provides students with a comprehensive organizational framework useful for planning, designing, implementing, evaluating, and enhancing content-based guidance and counseling programs and an understanding of the coordination of school counseling program components as they relate to the total school community. Skills associated to counseling, guidance, and consultation will be covered. Explores the application of research that addresses the effectiveness of various school counseling programs and interventions.									
EHS	C&HE	EDCE	6240	Professional School Counseling	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200									
		COURSE DESC:		Provides students with a comprehensive organizational framework useful for planning, designing, implementing, evaluating, and enhancing content-based guidance and counseling programs and an understanding of the coordination of school counseling program components as they relate to the total school community. Skills associated to counseling, guidance, and consultation will be covered. Explores the application of research that addresses the effectiveness of various school counseling programs and interventions.									
EHS	C&HE	EDCE	6260	Medical and Psychosocial Issues in Rehabilitation Counseling	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200									
		COURSE DESC:		Provides students with an introduction and basic understanding of the medical and psychological aspects of disability and the use of this information in rehabilitation counseling. More specifically, will examine a number of issues related to common medical conditions, including: diagnoses, basic pathology and symptomatology, treatment, role of medical professionals, functional limitations, and vocational implications. Students will develop skills in assessing the functional implication of various medical and psychiatric impairments and develop an understanding of how this information is used in counseling, rehabilitation plan development, service delivery, environmental accommodation, and job placement.									
				Meets the following CORE Standards: C.2.5; E.3.11 E.5.5 E.3.5 E.3.7; E.3.8 E.3; E.3.1; E.3.2; E.5.4 E.5.1 C.2.11 C.2.1; C.2.4; C.2.6; C.2.2; C.2.12; C.2.9									
EHS	C&HE	EDCE	6260	Medical and Psychosocial Issues in Rehabilitation Counseling	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200									
		COURSE DESC:		Provides students with an introduction and basic understanding of the medical and psychological aspects of disability and the use of this information in rehabilitation counseling. More specifically, will examine a number of issues related to common medical conditions, including: diagnoses, basic pathology and symptomatology, treatment, role of medical professionals, functional limitations, and vocational implications. Students will develop skills in assessing the functional implication of various medical and psychiatric impairments and develop an understanding of how this information is used in counseling, rehabilitation plan development, service delivery, environmental accommodation, and job placement.									
				Meets the following CORE Standards: C.2.5; E.3.11 E.5.5 E.3.5 E.3.7; E.3.8 E.3; E.3.1; E.3.2; E.5.4 E.5.1 C.2.11 C.2.1; C.2.4; C.2.6; C.2.2; C.2.12; C.2.9									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6270	Counseling, Teaching, and the Behavior Change Process GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Theories of behavior change process in educational, community, and business settings. Application and evaluation of techniques to modify behavior that involve counselor clients and the counselor in the behavior change process with effective communication emphasized.	LAB	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6270	Counseling, Teaching, and the Behavior Change Process GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Theories of behavior change process in educational, community, and business settings. Application and evaluation of techniques to modify behavior that involve counselor clients and the counselor in the behavior change process with effective communication emphasized.	LAB	LB	3	0		N	G50		0
EHS	C&HE	EDCE	6270	Counseling, Teaching, and the Behavior Change Process GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Theories of behavior change process in educational, community, and business settings. Application and evaluation of techniques to modify behavior that involve counselor clients and the counselor in the behavior change process with effective communication emphasized.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6270	Counseling, Teaching, and the Behavior Change Process GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Theories of behavior change process in educational, community, and business settings. Application and evaluation of techniques to modify behavior that involve counselor clients and the counselor in the behavior change process with effective communication emphasized.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDCE	6290	Job Placement Theory and Techniques GEC4: A-F, REQUISITE: EDCE 6200 and 6260 CR, PR COURSE DESC: Provides rehabilitation counselor trainees with requisite skills to perform job analyses, suggest job modifications or restructuring, and conduct job development activities that affect successful job placement for individuals with disabilities. Meets the following CORE standards: E.6.1; E.6.2; E.6.3; E.6.4; E.6.5; E.6.6; E.6.7; E.6.8; E.6.9; E.6.10; E.6.11	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6290	Job Placement Theory and Techniques GEC4: A-F, REQUISITE: EDCE 6200 and 6260 CR, PR COURSE DESC: Provides rehabilitation counselor trainees with requisite skills to perform job analyses, suggest job modifications or restructuring, and conduct job development activities that affect successful job placement for individuals with disabilities. Meets the following CORE standards: E.6.1; E.6.2; E.6.3; E.6.4; E.6.5; E.6.6; E.6.7; E.6.8; E.6.9; E.6.10; E.6.11	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDCE	6310	Appraisal I GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Concepts of reliability and validity as applicable to appraising human characteristics set stage for considering critical role that clinical judgment plays in professional helping. Emphasis on basic appraisal techniques, including diagnostic interviewing, observational systems, rating scales, interactional analysis, and educational and psychological testing. Testing portion provides introduction to intelligence, achievement, aptitude, and perceptual, vocational, and personality (objective and projective) measures.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6310	Appraisal I GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Concepts of reliability and validity as applicable to appraising human characteristics set stage for considering critical role that clinical judgment plays in professional helping. Emphasis on basic appraisal techniques, including diagnostic interviewing, observational systems, rating scales, interactional analysis, and educational and psychological testing. Testing portion provides introduction to intelligence, achievement, aptitude, and perceptual, vocational, and personality (objective and projective) measures.	LEC	LE	3	0		N	G50		0

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6450	Counseling Over the Lifespan	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Students will gain an understanding of the nature and needs of individuals at all levels of human development. Issues in counseling and counseling techniques and strategies for use with persons at different points across the lifespan will be explored. The primary emphasis in readings and experiences will be on the psychological, sociological, and physiological aspects of human development and behavior for children, adolescents, and adults. Theories of development, personality, and learning will likewise be explored.									
EHS	C&HE	EDCE	6450	Counseling Over the Lifespan	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Students will gain an understanding of the nature and needs of individuals at all levels of human development. Issues in counseling and counseling techniques and strategies for use with persons at different points across the lifespan will be explored. The primary emphasis in readings and experiences will be on the psychological, sociological, and physiological aspects of human development and behavior for children, adolescents, and adults. Theories of development, personality, and learning will likewise be explored.									
EHS	C&HE	EDCE	6500	Group Counseling I	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Introduction to group processes and their application in a variety of settings. Topics include history, theory, techniques, group dynamics and counseling, group leadership, ethics, research and evaluation, lectures, demonstrations, and group lab experience.									
EHS	C&HE	EDCE	6500	Group Counseling I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Introduction to group processes and their application in a variety of settings. Topics include history, theory, techniques, group dynamics and counseling, group leadership, ethics, research and evaluation, lectures, demonstrations, and group lab experience.									
EHS	C&HE	EDCE	6520	Group Counseling II	LAB	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6500									
		COURSE DESC:		Advanced study of group theory, research, and applications. Group dynamics, leadership styles, and techniques are examined as they apply to various settings. Lecture, demonstration, and group lab experiences.									
EHS	C&HE	EDCE	6520	Group Counseling II	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6500									
		COURSE DESC:		Advanced study of group theory, research, and applications. Group dynamics, leadership styles, and techniques are examined as they apply to various settings. Lecture, demonstration, and group lab experiences.									
EHS	C&HE	EDCE	6550	Counseling Theory and Techniques	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Will address counseling and psychotherapeutic theories. Included will be outcome research associated with various counseling interventions. Attention will be given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. Also included will be studies of basic interviewing, assessment and counseling skills related to the various theories addressed. Consideration will be given to factors that influence the helping process including age, gender, and ethnic differences, and ethical practices of the counselor. This will be accomplished in a manner that encourages the student to engage in critical thinking and analysis of the counseling theories reviewed. The class will focus on practice rather than lecture. Counseling is an applied activity, and for it to be learned, a student is first encouraged to experience its fundamental elements. It is critical that all assigned materials are read prior to attending the class.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6550	Counseling Theory and Techniques	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Will address counseling and psychotherapeutic theories. Included will be outcome research associated with various counseling interventions. Attention will be given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. Also included will be studies of basic interviewing, assessment and counseling skills related to the various theories addressed. Consideration will be given to factors that influence the helping process including age, gender, and ethnic differences, and ethical practices of the counselor. This will be accomplished in a manner that encourages the student to engage in critical thinking and analysis of the counseling theories reviewed. The class will focus on practice rather than lecture. Counseling is an applied activity, and for it to be learned, a student is first encouraged to experience its fundamental elements. It is critical that all assigned materials are read prior to attending the class.									
EHS	C&HE	EDCE	6620	Diagnosis and Treatment Planning in Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Emphasis on diagnostic and treatment process facing the mental health professional. Provides an opportunity to familiarize oneself with the diagnostic and statistical manual of mental disorders, as well as to interpret and make diagnostic assessment with a client. Alternative treatment and planning are reviewed.									
EHS	C&HE	EDCE	6620	Diagnosis and Treatment Planning in Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Emphasis on diagnostic and treatment process facing the mental health professional. Provides an opportunity to familiarize oneself with the diagnostic and statistical manual of mental disorders, as well as to interpret and make diagnostic assessment with a client. Alternative treatment and planning are reviewed.									
EHS	C&HE	EDCE	6700	Organizational Theory and Techniques in Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200 CR, PR									
		COURSE DESC:		Identification of need for counseling and human resource development programs in the workplace. Employee assistance programs, training and development, and career development issues addressed. Content can be considered for a variety of work settings such as business and industry, educational institutions, and mental health facilities.									
EHS	C&HE	EDCE	6700	Organizational Theory and Techniques in Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200 CR, PR									
		COURSE DESC:		Identification of need for counseling and human resource development programs in the workplace. Employee assistance programs, training and development, and career development issues addressed. Content can be considered for a variety of work settings such as business and industry, educational institutions, and mental health facilities.									
EHS	C&HE	EDCE	6750	Psychopathology for Counselors	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Covers the major categories of disorders as delineated in the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR). The primary focus will be on a clinical overview, etiology, and treatment options from the perspective of biological, psychosocial, and sociocultural influences. Considered to be a primer to Diagnosis and Treatment Planning.									
EHS	C&HE	EDCE	6750	Psychopathology for Counselors	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Covers the major categories of disorders as delineated in the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR). The primary focus will be on a clinical overview, etiology, and treatment options from the perspective of biological, psychosocial, and sociocultural influences. Considered to be a primer to Diagnosis and Treatment Planning.									
EHS	C&HE	EDCE	6810	Seminar in Counseling	SEM	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A culminating evaluative experience involving the scholarly application of research, theory, and professional practice. Designed to provide students a capstone experience to the master's degree program in Counselor Education. Will assess students' comprehensive preparedness through evaluation of professional and academic writing abilities, professional licensure examination preparation, and compilation of a portfolio tracking students' counselor development throughout formal counselor preparation.									
EHS	C&HE	EDCE	6810	Seminar in Counseling	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A culminating evaluative experience involving the scholarly application of research, theory, and professional practice. Designed to provide students a capstone experience to the master's degree program in Counselor Education. Will assess students' comprehensive preparedness through evaluation of professional and academic writing abilities, professional licensure examination preparation, and compilation of a portfolio tracking students' counselor development throughout formal counselor preparation.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6850	Multicultural Education	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides understanding of cultural, ethnic, and racial differences and similarities in American society. Focuses on preparing professionals in educational, community, and leisure settings for working successfully with America's multicultural population.									
				Complies to the following CACREP standards: 2a; CMHC 6.E.5.; SC 8.E.1., 8.E.2., 8.E.3., 8.E.4; CMHC 6.E.4., 2c, 2e, 2f									
EHS	C&HE	EDCE	6850	Multicultural Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides understanding of cultural, ethnic, and racial differences and similarities in American society. Focuses on preparing professionals in educational, community, and leisure settings for working successfully with America's multicultural population.									
				Complies to the following CACREP standards: 2a; CMHC 6.E.5.; SC 8.E.1., 8.E.2., 8.E.3., 8.E.4; CMHC 6.E.4., 2c, 2e, 2f									
EHS	C&HE	EDCE	6860	Multicultural Counseling	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course addresses social and cultural diversity in the counseling profession, including history and development of multicultural and social justice counseling. The purpose of the course is to increase counselor cultural awareness of self and others, gain understanding of privilege and oppression, learn help-seeking behaviors of diverse client populations, and develop counselor helping skills and application of practical knowledge. The course examines and applies multicultural and social justice counseling competencies and advocacy counseling competencies endorsed by the American Counseling Association.									
EHS	C&HE	EDCE	6900	Special Topics in Education - Counselor Education	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCE	6900	Special Topics in Education - Counselor Education	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCE	6910	Field Experience in Counseling	INT	IN	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Supervised field work in educational or community setting selected with regard to professional needs and interests of individual student. Student should have a clear idea of type of field experience desired and required setting for the experience before enrollment. Requirements will include on-site supervision by staff, regularly scheduled on-campus conferences, and progress and terminal reports.									
EHS	C&HE	EDCE	6914	Counseling Internship	INT	EL	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		A culminating experience providing counseling and related services to clients in educational, community, and business settings. Services might include functions related to special problems and populations. On-site supervision by staff is required, along with regular on-campus conferences.									
EHS	C&HE	EDCE	6914	Counseling Internship	INT	IN	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		A culminating experience providing counseling and related services to clients in educational, community, and business settings. Services might include functions related to special problems and populations. On-site supervision by staff is required, along with regular on-campus conferences.									
EHS	C&HE	EDCE	6915	Counseling Internship	LEC	EL	3 to 4	7		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A culminating experience providing counseling and related services to clients in educational, community, and business settings. Services may include functions related to special problems and populations. On-site supervision by staff is required, along with regular on-campus conferences.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6915	Counseling Internship	LEC	LE	3 to 4	7		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A culminating experience providing counseling and related services to clients in educational, community, and business settings. Services may include functions related to special problems and populations. On-site supervision by staff is required, along with regular on-campus conferences.									
EHS	C&HE	EDCE	6920	Counseling Practicum	PRA	PR	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCE 6200 and 6550									
		COURSE DESC:		The counseling practicum provides a closely supervised field experience in counseling and related activities. Students spend approximately 10 hours per week at their practicum sites and attend class weekly. Students assist clients through counseling and related services in educational or clinical settings. The practicum focuses on counseling and consultation processes to further develop interpersonal relationships, communication skills, methods planning, service provision, and techniques to facilitate change of behaviors and attitudes.									
EHS	C&HE	EDCE	6921	Advanced Counseling Practicum: School	PRA	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practical seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6921	Advanced Counseling Practicum: School	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practical seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6922	Advanced Practicum: Clinical Mental Health	PRA	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practica seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6922	Advanced Practicum: Clinical Mental Health	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practica seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6924	Advanced Practicum: Rehabilitation	PRA	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practica seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6924	Advanced Practicum: Rehabilitation	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students conduct supervised counseling sessions. Preparing case notes, consulting with other professionals, critiquing audio and videotapes of their counseling sessions, participating in practica seminars, etc.; are part of the experience. Students must submit an application for admission to the practicum the quarter before expected enrollment.									
EHS	C&HE	EDCE	6930	Readings and Research in Counseling	IND	EL	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study and interpretation of scientific research on community mental health or selected government agencies. Independent and directed projects.									
EHS	C&HE	EDCE	6930	Readings and Research in Counseling	IND	IS	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study and interpretation of scientific research on community mental health or selected government agencies. Independent and directed projects.									
EHS	C&HE	EDCE	6950	Thesis	THE	TH	1 to 9	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200									
		COURSE DESC:		Seminar contents varies.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7241	Introduction to Play Therapy	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Many young children experience crises resulting from psychological, physical, or environmental events. Compounding such situations, children do not have the developed coping mechanisms of adults, and they often lack adequate familial support to console them. In addition, if they are of preschool or elementary school age, they may be unable to communicate their needs verbally to a mental health worker. Students will be introduced to the utilization of nonverbal communication methods of play therapy to engage and help these young children.									
EHS	C&HE	EDCE	7241	Introduction to Play Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Many young children experience crises resulting from psychological, physical, or environmental events. Compounding such situations, children do not have the developed coping mechanisms of adults, and they often lack adequate familial support to console them. In addition, if they are of preschool or elementary school age, they may be unable to communicate their needs verbally to a mental health worker. Students will be introduced to the utilization of nonverbal communication methods of play therapy to engage and help these young children.									
EHS	C&HE	EDCE	7245	Counseling Children and Adolescents	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to increase student knowledge of the application of a variety of counseling theories and practices in assisting children and adolescents in their development. Special attention will be given to working with children with disabilities, exceptional children, and children of minority groups.									
EHS	C&HE	EDCE	7245	Counseling Children and Adolescents	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to increase student knowledge of the application of a variety of counseling theories and practices in assisting children and adolescents in their development. Special attention will be given to working with children with disabilities, exceptional children, and children of minority groups.									
EHS	C&HE	EDCE	7310	Intelligence Assessment	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310 CR, PR									
		COURSE DESC:		Special attention devoted to intelligence theory and tests (e.g., Stanford-Binet and Wechsler instruments); case data interpretation; and report writing and communication of appraisal results to other professionals.									
EHS	C&HE	EDCE	7310	Intelligence Assessment	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310 CR, PR									
		COURSE DESC:		Special attention devoted to intelligence theory and tests (e.g., Stanford-Binet and Wechsler instruments); case data interpretation; and report writing and communication of appraisal results to other professionals.									
EHS	C&HE	EDCE	7320	Personality Assessment	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310 CR, PR									
		COURSE DESC:		Advanced appraisal techniques reviewed, with particular attention to personality measures. Both objective and projective techniques considered, and each student is expected to develop applied expertise with a method of each type. For students enrolled in the doctoral program or advanced master's level. The content is designed to prepare the student to become familiar with clinical instruments related to personality assessment. Students will interpret and understand psychological testing and clinical evaluations and acquire a greater depth of knowledge regarding the use of test data in the diagnostic process. Consideration will be given to ethical issues in the handling and administration of psychological assessment instruments, including potential forms of bias in interpretation.									
EHS	C&HE	EDCE	7320	Personality Assessment	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310 CR, PR									
		COURSE DESC:		Advanced appraisal techniques reviewed, with particular attention to personality measures. Both objective and projective techniques considered, and each student is expected to develop applied expertise with a method of each type. For students enrolled in the doctoral program or advanced master's level. The content is designed to prepare the student to become familiar with clinical instruments related to personality assessment. Students will interpret and understand psychological testing and clinical evaluations and acquire a greater depth of knowledge regarding the use of test data in the diagnostic process. Consideration will be given to ethical issues in the handling and administration of psychological assessment instruments, including potential forms of bias in interpretation.									
EHS	C&HE	EDCE	7330	Counseling Assessment of Children and Adolescents	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200 and 6310 CR, PR									
		COURSE DESC:		The purpose is to acquaint the student with assessment and diagnosis with children, clinical decision making, developmental psychopathology, measurement and psychometrics, social values, ethics, and cultural and linguistic issues. Students will learn the components of the process of multidimensional behavioral assessment and will be exposed to a variety of assessment instruments commonly used in the clinical assessment of children.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7330	Counseling Assessment of Children and Adolescents GEC4: A-F, REQUISITE: EDCE 6200 and 6310 CR, PR COURSE DESC: The purpose is to acquaint the student with assessment and diagnosis with children, clinical decision making, developmental psychopathology, measurement and psychometrics, social values, ethics, and cultural and linguistic issues. Students will learn the components of the process of multidimensional behavioral assessment and will be exposed to a variety of assessment instruments commonly used in the clinical assessment of children.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	7380	Gerontological Counseling GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Attitude awareness regarding older persons, knowledge of developmental periods of aging, basic gerontological counseling concepts, and skills in applying knowledge of aging and counseling to work with older persons are emphasized.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7380	Gerontological Counseling GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Attitude awareness regarding older persons, knowledge of developmental periods of aging, basic gerontological counseling concepts, and skills in applying knowledge of aging and counseling to work with older persons are emphasized.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7390	Family Counseling GEC4: A-F, REQUISITE: CR, PR COURSE DESC: The purpose is to provide an introduction to family counseling, with an emphasis on theoretical foundations and family counseling techniques.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	7390	Family Counseling GEC4: A-F, REQUISITE: CR, PR COURSE DESC: The purpose is to provide an introduction to family counseling, with an emphasis on theoretical foundations and family counseling techniques.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	7400	Youth Violence GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Explores some of the causes and consequences of such forms of juvenile delinquency as violence, school shootings, gang membership, drug use, and running away. More than examining different categories of juvenile offenses, however, will introduce students to the study of juvenile delinquency including how youth norm breaking has been measured, defined, and theoretically explained from the 19th- to the 21st- century. In addition, will examine some of the formal and informal institutions designed to manage and control young offenders.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7400	Youth Violence GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Explores some of the causes and consequences of such forms of juvenile delinquency as violence, school shootings, gang membership, drug use, and running away. More than examining different categories of juvenile offenses, however, will introduce students to the study of juvenile delinquency including how youth norm breaking has been measured, defined, and theoretically explained from the 19th- to the 21st- century. In addition, will examine some of the formal and informal institutions designed to manage and control young offenders.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7511	Stress, Biofeedback, and Self-Control GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Designed to expose students to a holistic approach to preventing and managing stress. Students learn both healthy cognitive (coping) skills and relaxation techniques with the intention of preventing and/or alleviating the symptoms of stress. Content includes the science of stress, the mind/body connection, stress prevention strategies such as perception, mindfulness, time management and financial management, and a variety of stress management techniques including guided imagery, progressive muscle relaxation, yoga, meditation, and autogenics. Has both personal application and professional application for students working in any area of healthcare.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7511	Stress, Biofeedback, and Self-Control GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Designed to expose students to a holistic approach to preventing and managing stress. Students learn both healthy cognitive (coping) skills and relaxation techniques with the intention of preventing and/or alleviating the symptoms of stress. Content includes the science of stress, the mind/body connection, stress prevention strategies such as perception, mindfulness, time management and financial management, and a variety of stress management techniques including guided imagery, progressive muscle relaxation, yoga, meditation, and autogenics. Has both personal application and professional application for students working in any area of healthcare.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7521	Assertiveness Training GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Focuses on theory and strategies of assertiveness training. Attention to goal setting, role playing, alternative behavior, evaluating consequences, and implementation of assertive behavior. Emphasis on differentiating nonassertive, assertive, and aggressive behavior.	LEC	EL	2	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7521	Assertiveness Training	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on theory and strategies of assertiveness training. Attention to goal setting, role playing, alternative behavior, evaluating consequences, and implementation of assertive behavior. Emphasis on differentiating nonassertive, assertive, and aggressive behavior.									
EHS	C&HE	EDCE	7531	Counseling and Human Sexuality	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of human sexuality and stereotypical attitudes, attainment of basic knowledge, awareness of sexual abuse and violence, and understanding sexual dysfunction and sexual adequacy.									
EHS	C&HE	EDCE	7541	Adlerian Theory, Methods, and Research	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theory, research, and applications of individual psychology in educational, community, business, and private practice settings. Counseling, consultation, and psychotherapy methods and techniques will be demonstrated.									
EHS	C&HE	EDCE	7541	Adlerian Theory, Methods, and Research	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theory, research, and applications of individual psychology in educational, community, business, and private practice settings. Counseling, consultation, and psychotherapy methods and techniques will be demonstrated.									
EHS	C&HE	EDCE	7551	Human Relations Skills for a Multicultural Society	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides for understanding of human relations skills for effective interpersonal communication. Focus on skill development, cultural, and value differences among ethnic, racial, religious, and other groups. These skills have generic application for helping professionals in educational, community, family, work, and leisure settings.									
EHS	C&HE	EDCE	7551	Human Relations Skills for a Multicultural Society	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides for understanding of human relations skills for effective interpersonal communication. Focus on skill development, cultural, and value differences among ethnic, racial, religious, and other groups. These skills have generic application for helping professionals in educational, community, family, work, and leisure settings.									
EHS	C&HE	EDCE	7600	Addictions Counseling Theory and Practice	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on the addictive process, stages and symptoms of chemical abuse, and intervention and treatment strategies for addiction.									
EHS	C&HE	EDCE	7600	Addictions Counseling Theory and Practice	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on the addictive process, stages and symptoms of chemical abuse, and intervention and treatment strategies for addiction.									
EHS	C&HE	EDCE	7620	Legal and Ethical Aspects of Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Law and ethics considered for educational and mental health contexts. Federal, state, and local statutes relevant to professional functioning and rights of persons receiving counseling, and psychological services considered. Court decisions, critical cases, and legislation analyzed and interpreted. Code of ethics for counselors, psychologists, and human service workers reviewed. Guidelines for ethical behavior in delivery of services.									
				Complies with the following CORE standards: 3e, 4i, 5g, 6g, 7i, 8f; C.1.1, C.1.4, C.6.6, C.8.7; C.2, C.7									
				Complies with the following CACREP standards: K1h (F1j), 5g, CMHC A.2, B.; SC A.2, B.1; DS C.7; K1a (F1a), 1f (F1h); K2f									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7620	Legal and Ethical Aspects of Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Law and ethics considered for educational and mental health contexts. Federal, state, and local statutes relevant to professional functioning and rights of persons receiving counseling, and psychological services considered. Court decisions, critical cases, and legislation analyzed and interpreted. Code of ethics for counselors, psychologists, and human service workers reviewed. Guidelines for ethical behavior in delivery of services.									
				Complies with the following CORE standards: 3e, 4i, 5g, 6g, 7i, 8f; C.1.1, C.1.4, C.6.6, C.8.7; C.2, C.7									
				Complies with the following CACREP standards: K1h (F1j), 5g, CMHC A.2, B., SC A.2, B.1; DS C.7; K1a (F1a), 1f (F1h); K2f									
EHS	C&HE	EDCE	7700	Brief and Solution-Focused Therapy	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides student in school and clinical counseling settings with an overview of various brief and solution focused therapy theories, techniques, and practices. Particular attention will be devoted to the study of the brief and solution focused therapy. Lectures will be supplemented by extensive use of videotapes and class exercises designed to thoroughly immerse the student in brief therapy ways of thinking.									
EHS	C&HE	EDCE	7700	Brief and Solution-Focused Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides student in school and clinical counseling settings with an overview of various brief and solution focused therapy theories, techniques, and practices. Particular attention will be devoted to the study of the brief and solution focused therapy. Lectures will be supplemented by extensive use of videotapes and class exercises designed to thoroughly immerse the student in brief therapy ways of thinking.									
EHS	C&HE	EDCE	7701	Suicide: Essentials for Helping Professionals	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to provide students with the knowledge and skills to identify risk factors that put individuals in danger of suicidal behaviors and to implement prevention programs and interventions for members of a diverse society.									
EHS	C&HE	EDCE	7701	Suicide: Essentials for Helping Professionals	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to provide students with the knowledge and skills to identify risk factors that put individuals in danger of suicidal behaviors and to implement prevention programs and interventions for members of a diverse society.									
EHS	C&HE	EDCE	7703	Cognitive Therapy	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Cognitive Therapy, an approach that is focused on the present, is time-limited, and has a problem-solving orientation. Strategies to identify distorted thinking, modify beliefs, relate to others in different ways, and change specific behaviors will be discussed, demonstrated, and practiced. Instructor permission is required for students not enrolled in the Ohio University counseling program.									
EHS	C&HE	EDCE	7703	Cognitive Therapy	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Cognitive Therapy, an approach that is focused on the present, is time-limited, and has a problem-solving orientation. Strategies to identify distorted thinking, modify beliefs, relate to others in different ways, and change specific behaviors will be discussed, demonstrated, and practiced. Instructor permission is required for students not enrolled in the Ohio University counseling program.									
EHS	C&HE	EDCE	7704	Counseling Terminally Ill and HIV/AIDS Clients	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to prepare the student to become familiar with the psychological aspects of death and dying in our society. There will be a specific emphasis on the terminally ill as well as the effects on significant others. Topics include attitudes toward and preparation for death; sociocultural factors that influence attitude to death and care afforded to the dying; and hospice and palliative care and various types of terminal illness (emphasis on HIV/AIDS). Readings and classroom activities will be supplemented by students' self-exploration and writing on feelings, attitudes and beliefs about death and its significance for working with the terminally ill. Videos, guest speakers, readings, class discussions, journals, and individual reflection papers will be used to explore these topics. In addition there will be an exploration of support systems including counseling strategies when working with the terminally ill and their families.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7704	Counseling Terminally Ill and HIV/AIDS Clients	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to prepare the student to become familiar with the psychological aspects of death and dying in our society. There will be a specific emphasis on the terminally ill as well as the effects on significant others. Topics include attitudes toward and preparation for death; sociocultural factors that influence attitude to death and care afforded to the dying; and hospice and palliative care and various types of terminal illness (emphasis on HIV/AIDS). Readings and classroom activities will be supplemented by students' self-exploration and writing on feelings, attitudes and beliefs about death and its significance for working with the terminally ill. Videos, guest speakers, readings, class discussions, journals, and individual reflection papers will be used to explore these topics. In addition there will be an exploration of support systems including counseling strategies when working with the terminally ill and their families.									
EHS	C&HE	EDCE	7705	Rational Emotive Behavior Therapy	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Rational Emotive Behavior Therapy (REBT), a practice, action-oriented approach to coping with problems and enhancing personal growth. The emphasis will be on currently held attitudes and beliefs, and ways in which these might be reformulated into more realistic and helpful beliefs. Theoretical and practice elements will be addressed. Instructor permission is required for students who are not in the Ohio University counseling program.									
EHS	C&HE	EDCE	7705	Rational Emotive Behavior Therapy	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Rational Emotive Behavior Therapy (REBT), a practice, action-oriented approach to coping with problems and enhancing personal growth. The emphasis will be on currently held attitudes and beliefs, and ways in which these might be reformulated into more realistic and helpful beliefs. Theoretical and practice elements will be addressed. Instructor permission is required for students who are not in the Ohio University counseling program.									
EHS	C&HE	EDCE	7706	Counseling Techniques for Clients Diagnosed with PTSD	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to prepare students in counseling and other related disciplines to become familiar with the basic tenets of Post Traumatic Stress Disorder (PTSD) primarily the diagnostic criteria, etiology, and the various modalities for treatment. The first section is devoted to an exploration of the theories and counseling strategies relevant to the PTSD. The second section is experiential in nature and will include videos, case studies, and the development of treatment plans for effective intervention. Issues related to counselor self-care and compassion-fatigue will be addressed.									
EHS	C&HE	EDCE	7706	Counseling Techniques for Clients Diagnosed with PTSD	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to prepare students in counseling and other related disciplines to become familiar with the basic tenets of Post Traumatic Stress Disorder (PTSD) primarily the diagnostic criteria, etiology, and the various modalities for treatment. The first section is devoted to an exploration of the theories and counseling strategies relevant to the PTSD. The second section is experiential in nature and will include videos, case studies, and the development of treatment plans for effective intervention. Issues related to counselor self-care and compassion-fatigue will be addressed.									
EHS	C&HE	EDCE	7707	Counseling & Mental Health Awareness in Schools	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Common mental disorders diagnosed in children and adolescents will be discussed along with treatment modalities. The school professional's role in identifying and/or supporting students with a mental health diagnosis will be discussed. Likely to be of interest to students and practitioners in education, social work, psychology, counseling, speech and language pathology, and other professions linked to schools.									
EHS	C&HE	EDCE	7707	Counseling & Mental Health Awareness in Schools	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Common mental disorders diagnosed in children and adolescents will be discussed along with treatment modalities. The school professional's role in identifying and/or supporting students with a mental health diagnosis will be discussed. Likely to be of interest to students and practitioners in education, social work, psychology, counseling, speech and language pathology, and other professions linked to schools.									
EHS	C&HE	EDCE	7720	Psychiatric Rehabilitation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to provide students with an understanding of the philosophy, process, and techniques of psychiatric rehabilitation. Examines a number of issues pertaining to individuals with severe disabilities including civil rights, vocational rehabilitation, independent living, quality of life, job accommodations and placement, and career development.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7730	Gender Issues in Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose of this seminar format is to provide an overview of gender issues as they relate to counseling. Will address the influence of gender on the counseling process, gender identity development, feminist and gender sensitive models of counseling, issues at stages across the lifespan, and cultural considerations as it relates to gender. Students will read current, relevant, and culturally sensitive literature regarding gender. Students will develop a greater awareness of how to responsibly address genders issues within the counseling profession.									
EHS	C&HE	EDCE	7730	Gender Issues in Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose of this seminar format is to provide an overview of gender issues as they relate to counseling. Will address the influence of gender on the counseling process, gender identity development, feminist and gender sensitive models of counseling, issues at stages across the lifespan, and cultural considerations as it relates to gender. Students will read current, relevant, and culturally sensitive literature regarding gender. Students will develop a greater awareness of how to responsibly address genders issues within the counseling profession.									
EHS	C&HE	EDCE	8200	Advanced Seminar for Counseling Educators	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Doctoral seminar providing students with preparation for in-depth study of counseling in educational, community, and business settings.									
EHS	C&HE	EDCE	8200	Advanced Seminar for Counseling Educators	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Doctoral seminar providing students with preparation for in-depth study of counseling in educational, community, and business settings.									
EHS	C&HE	EDCE	8220	Career Development and Counseling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to provide students with an understanding of the basic concepts, theories, and techniques of career counseling. Will examine various theories of career development, career choice processes, career counseling interventions, the use of assessment in career counseling, occupational and labor market information, the application of career counseling theories and techniques for diverse populations, principles of vocational rehabilitation, the relationship of career development and mental health, career guidance programs in educational settings, and other related topics. Lectures may be enhanced by guest speakers and other class activities.									
EHS	C&HE	EDCE	8220	Career Development and Counseling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to provide students with an understanding of the basic concepts, theories, and techniques of career counseling. Will examine various theories of career development, career choice processes, career counseling interventions, the use of assessment in career counseling, occupational and labor market information, the application of career counseling theories and techniques for diverse populations, principles of vocational rehabilitation, the relationship of career development and mental health, career guidance programs in educational settings, and other related topics. Lectures may be enhanced by guest speakers and other class activities.									
EHS	C&HE	EDCE	8240	Counselor Education Professional Publications	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers an orientation to publishing manuscripts of all types--professional counseling journals, textbooks, and dissertations. Also provides guidance on developing the components of a dissertation, as this might be the student's first seminal work worthy of publication in a textbook or journal. The basic principles of scholarship are similar for most publication venues in counseling. Provides guidance for manuscript preparation, submission, review, and the editorial processes.									
EHS	C&HE	EDCE	8240	Counselor Education Professional Publications	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers an orientation to publishing manuscripts of all types--professional counseling journals, textbooks, and dissertations. Also provides guidance on developing the components of a dissertation, as this might be the student's first seminal work worthy of publication in a textbook or journal. The basic principles of scholarship are similar for most publication venues in counseling. Provides guidance for manuscript preparation, submission, review, and the editorial processes.									
EHS	C&HE	EDCE	8250	Colloquium	SEM	EL	1 to 5	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Doctoral level seminars to examine contemporary issues in counselor education.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	8250	Colloquium	SEM	SE	1 to 5	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Doctoral level seminars to examine contemporary issues in counselor education.									
EHS	C&HE	EDCE	8520	Advanced Group Counseling	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Group experience as method of studying and applying selected theoretical models of group counseling. Participants experience membership and leadership roles. Individual readings and research on selected group counseling models.									
EHS	C&HE	EDCE	8520	Advanced Group Counseling	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Group experience as method of studying and applying selected theoretical models of group counseling. Participants experience membership and leadership roles. Individual readings and research on selected group counseling models.									
EHS	C&HE	EDCE	8550	Counseling Theory Advanced	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theories and systems of psychology as applied to counseling and psychotherapy. Integration of theories and methods of counseling and psychotherapy to assessment and diagnosis, goal-setting, treatment, procedures, and evaluation of progress and outcomes. Use of case study to demonstrate knowledge in the treatment of selected mental, emotional, and behavioral disorders. Application of concepts of human development to personal growth and career-life planning. Review of innovative methods, recent research, and issues and trends.									
EHS	C&HE	EDCE	8550	Counseling Theory Advanced	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theories and systems of psychology as applied to counseling and psychotherapy. Integration of theories and methods of counseling and psychotherapy to assessment and diagnosis, goal-setting, treatment, procedures, and evaluation of progress and outcomes. Use of case study to demonstrate knowledge in the treatment of selected mental, emotional, and behavioral disorders. Application of concepts of human development to personal growth and career-life planning. Review of innovative methods, recent research, and issues and trends.									
EHS	C&HE	EDCE	8590	Counselor Supervision	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers advanced graduate students theories and models of clinical supervision used in the counseling profession. Students participate in both didactic and lab activities.									
EHS	C&HE	EDCE	8590	Counselor Supervision	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers advanced graduate students theories and models of clinical supervision used in the counseling profession. Students participate in both didactic and lab activities.									
EHS	C&HE	EDCE	8600	Counselor Education	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides a history and overview of the counselor education profession. Student will explore the theoretical, research, practical knowledge, standards, and skills necessary to function effectively as counselor educators. Discussion will also include standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Offers an orientation to publishing manuscripts in professional counseling journals and textbooks. Provides guidance in manuscript preparation, review, editorial, and publication processes. Readings from professional journals and texts will supplement class lecture, discussion, and application activities.									
EHS	C&HE	EDCE	8600	Counselor Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides a history and overview of the counselor education profession. Student will explore the theoretical, research, practical knowledge, standards, and skills necessary to function effectively as counselor educators. Discussion will also include standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Offers an orientation to publishing manuscripts in professional counseling journals and textbooks. Provides guidance in manuscript preparation, review, editorial, and publication processes. Readings from professional journals and texts will supplement class lecture, discussion, and application activities.									
EHS	C&HE	EDCE	8640	Mental Health Consultation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar is an introduction to the theory and process of mental health consultation as practiced in settings such as social service, rehabilitation, community mental health agencies, correctional facilities, health care organizations, schools, private practice, and business and industry. Additionally, throughout the course, we will explore the roles of consultant and collaborator as well as discuss models and skills, evaluation/techniques, and issues in mental health consultation.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	8640	Mental Health Consultation	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8900	Special Topics in Education - Counselor Education	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8900	Special Topics in Education - Counselor Education	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8910	Internship	SEM	EL	4	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8910	Internship	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8920	Practicum in Counselor Education and Supervision	PRA	EL	1 to 3	3		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8920	Practicum in Counselor Education and Supervision	PRA	PR	1 to 3	3		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8930	Advanced Readings and Research in Counseling	IND	EL	1 to 5	15		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8930	Advanced Readings and Research in Counseling	IND	IS	1 to 5	15		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDCE	8950	Dissertation	THE	TH	1 to 9	999		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	8990	Leadership in Counseling	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Focuses on universal principles related to becoming a leader. Theories of leadership development will be examined and discussed. Through a learner focused environment, the students will experience the process of becoming leaders and advocates in their profession and in their communities. Students will also be encouraged to develop their own leadership capacities, and focus will be placed on the application of course material to professional counselor development.									
EHS	C&HE	EDCE	8990	Leadership in Counseling	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Focuses on universal principles related to becoming a leader. Theories of leadership development will be examined and discussed. Through a learner focused environment, the students will experience the process of becoming leaders and advocates in their profession and in their communities. Students will also be encouraged to develop their own leadership capacities, and focus will be placed on the application of course material to professional counselor development.									
EHS	C&HE	EDCP	4000	Special Topics in Student Leadership	DIS	DI	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Educational leadership training for paraprofessional positions, including introduction to student development theory, helping skills and counseling techniques, community building principles and approaches, and residential programming. Required of students working as resident assistants in the Residential Housing Department.									
EHS	C&HE	EDCP	4000	Special Topics in Student Leadership	DIS	EL	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Educational leadership training for paraprofessional positions, including introduction to student development theory, helping skills and counseling techniques, community building principles and approaches, and residential programming. Required of students working as resident assistants in the Residential Housing Department.									
EHS	C&HE	EDCP	4000	Special Topics in Student Leadership	LEC	EL	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Educational leadership training for paraprofessional positions, including introduction to student development theory, helping skills and counseling techniques, community building principles and approaches, and residential programming. Required of students working as resident assistants in the Residential Housing Department.									
EHS	C&HE	EDCP	4000	Special Topics in Student Leadership	LEC	LE	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Educational leadership training for paraprofessional positions, including introduction to student development theory, helping skills and counseling techniques, community building principles and approaches, and residential programming. Required of students working as resident assistants in the Residential Housing Department.									
EHS	C&HE	EDCP	5210	College Student Development: Theory with Practice	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Provides an understanding of college student development theories and how they are applied in student affairs.									
EHS	C&HE	EDCP	5210	College Student Development: Theory with Practice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Provides an understanding of college student development theories and how they are applied in student affairs.									
EHS	C&HE	EDCP	5220	College Campus/Student Environment: From Theory to Practice	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210									
		COURSE DESC:		Provides an understanding of college environment theories and their application.									
EHS	C&HE	EDCP	5220	College Campus/Student Environment: From Theory to Practice	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210									
		COURSE DESC:		Provides an understanding of college environment theories and their application.									
EHS	C&HE	EDCP	5441	College Student Leadership Issues	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Study of theories related to leadership development and student organizations. Future trends and several models are included.									
EHS	C&HE	EDCP	5441	College Student Leadership Issues	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Study of theories related to leadership development and student organizations. Future trends and several models are included.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	5443	Residential Campus Issues	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Provides the opportunity to develop knowledge about concerns of residential students.									
EHS	C&HE	EDCP	5443	Residential Campus Issues	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Provides the opportunity to develop knowledge about concerns of residential students.									
EHS	C&HE	EDCP	5447	International Student Services	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Focuses on the rationale for international student and faculty services, the functions and services performed, and the foreign student experience in institutions of higher education.									
EHS	C&HE	EDCP	5447	International Student Services	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Focuses on the rationale for international student and faculty services, the functions and services performed, and the foreign student experience in institutions of higher education.									
EHS	C&HE	EDCP	5448	Wellness Issues in Higher Education and Student Affairs	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		A study of the principles, functions, and practices of health education and wellness in regard to college student success and human development.									
EHS	C&HE	EDCP	5448	Wellness Issues in Higher Education and Student Affairs	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		A study of the principles, functions, and practices of health education and wellness in regard to college student success and human development.									
EHS	C&HE	EDCP	5449	21st- Century Student Issues in Higher Education and Student Affairs - Special Populations	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Introduces students to theories, concepts, and experiences of nontraditional students.									
EHS	C&HE	EDCP	5449	21st- Century Student Issues in Higher Education and Student Affairs - Special Populations	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Introduces students to theories, concepts, and experiences of nontraditional students.									
EHS	C&HE	EDCP	5450	Problem-based Research in Student Affairs	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Designed to give students experience working on problem-based research in student affairs. Teams comprised of student affairs practitioners, faculty and students enrolled to collaborate to address current issues in higher education and student affairs, conduct research, and identify potential strategies for addressing problems in the field.									
EHS	C&HE	EDCP	5450	Problem-based Research in Student Affairs	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210 CR, PR									
		COURSE DESC:		Designed to give students experience working on problem-based research in student affairs. Teams comprised of student affairs practitioners, faculty and students enrolled to collaborate to address current issues in higher education and student affairs, conduct research, and identify potential strategies for addressing problems in the field.									
EHS	C&HE	EDCP	5452	Introduction to Resources and Applications in Higher Education and Student Affairs	LAB	LB	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to serve as an introduction to selected higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Will include basic practical information on specific computer applications and web-based information resources available from the National Center for Education Statistics.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	5452	Introduction to Resources and Applications in Higher Education and Student Affairs	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to serve as an introduction to selected higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Will include basic practical information on specific computer applications and web-based information resources available from the National Center for Education Statistics.									
EHS	C&HE	EDCP	5452	Introduction to Resources and Applications in Higher Education and Student Affairs	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The purpose is to serve as an introduction to selected higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Will include basic practical information on specific computer applications and web-based information resources available from the National Center for Education Statistics.									
EHS	C&HE	EDCP	5900	Special Topics in Education - College Student Personnel	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCP	5900	Special Topics in Education - College Student Personnel	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	EDCP	6200	Introduction to Student Affairs Organization and Administration	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to student affairs administration, including history and philosophy, structure, services, roles, and contemporary issues.									
EHS	C&HE	EDCP	6200	Introduction to Student Affairs Organization and Administration	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to student affairs administration, including history and philosophy, structure, services, roles, and contemporary issues.									
EHS	C&HE	EDCP	6300	The Helping Relationship in Higher Education	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to modes, methods, and issues involved in effective helping relationships with college students.									
EHS	C&HE	EDCP	6300	The Helping Relationship in Higher Education	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to modes, methods, and issues involved in effective helping relationships with college students.									
EHS	C&HE	EDCP	6300	The Helping Relationship in Higher Education	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to modes, methods, and issues involved in effective helping relationships with college students.									
EHS	C&HE	EDCP	6400	Theory to Practice College Student Affairs Seminar I	SEM	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Students must hold graduate assistantships or internships in higher education administrative area. CR, PR									
		COURSE DESC:		This seminar will prepare students for professional practice by engaging participants in scholarship informed reflections on their field-based experiences. This is the first course in a three-semester series.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	6400	Theory to Practice College Student Affairs Seminar I GEC4: A-F, REQUISITE: Students must hold graduate assistantships or internships in higher education administrative area. COURSE DESC: This seminar will prepare students for professional practice by engaging participants in scholarship informed reflections on their field-based experiences. This is the first course in a three-semester series.	SEM	SE	3	0		I	G40		0
EHS	C&HE	EDCP	6500	Theory to Practice College Student Affairs Seminar II GEC4: A-F, REQUISITE: EDCP 6400 COURSE DESC: This seminar will prepare students for professional practice by engaging participants in literature informed reflections on their field-based experiences. The course is the second component of a three-semester series of seminars.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	6500	Theory to Practice College Student Affairs Seminar II GEC4: A-F, REQUISITE: EDCP 6400 COURSE DESC: This seminar will prepare students for professional practice by engaging participants in literature informed reflections on their field-based experiences. The course is the second component of a three-semester series of seminars.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	6600	Theory to Practice College Student Affairs Seminar III GEC4: A-F, REQUISITE: EDCP 6400 and 6500 COURSE DESC: Prepares students for professional practice by engaging participants in scholarship informed reflection on their field-based experience. This is the third component of a three-semester series of seminars.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	6600	Theory to Practice College Student Affairs Seminar III GEC4: A-F, REQUISITE: EDCP 6400 and 6500 COURSE DESC: Prepares students for professional practice by engaging participants in scholarship informed reflection on their field-based experience. This is the third component of a three-semester series of seminars.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	6900	Special Topics in Education - College Student Personnel GEC4: A-F, REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	C&HE	EDCP	6900	Special Topics in Education - College Student Personnel GEC4: A-F, REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	C&HE	EDCP	6920	Practicum in Student Affairs GEC4: A-F, REQUISITE: COURSE DESC: Must be taken 2 times for total of 6 hrs. Supervised experiences in offices of the university or of neighboring educational institutions.	PRA	PR	3	6		N	G40		0
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: COURSE DESC: Human development theories applied to diverse college populations. This will include study of foundational and recent theories of college student development. Recent theories emphasize the experiences and development of diverse student populations.	LEC	EL	3	0		N	G40		0
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: COURSE DESC: Human development theories applied to diverse college populations. This will include study of foundational and recent theories of college student development. Recent theories emphasize the experiences and development of diverse student populations.	LEC	LE	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Human development theories applied to diverse college populations. This will include study of foundational and recent theories of college student development. Recent theories emphasize the experiences and development of diverse student populations.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Human development theories applied to diverse college populations. This will include study of foundational and recent theories of college student development. Recent theories emphasize the experiences and development of diverse student populations.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	7430	Specialized Studies in Student Development Theory GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Will focus on recent human development research, and its application to higher education administrative practice. Special topics may include positive psychology in student affairs practice; cognitive-structural theory and leadership practice; and applying learning theory to student advising.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	7430	Specialized Studies in Student Development Theory GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Will focus on recent human development research, and its application to higher education administrative practice. Special topics may include positive psychology in student affairs practice; cognitive-structural theory and leadership practice; and applying learning theory to student advising.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	7470C	Pedagogy and Practice of Service-learning GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Introduction to service-learning pedagogy and practice. Students develop an understanding of theoretical and practical elements of service-learning, including best practices, student learning outcomes, community impact, and program evaluation. Classroom component is complemented with engagement in service-based activity.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	8210	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: CR, PR COURSE DESC: In-depth study of the major theories of college student development that are used in higher education and student affairs. Emphasis on understanding and critiquing the theories and related research.	LEC	EL	3	0		N	G40		0
EHS	C&HE	EDCP	8210	Advanced College Student Development: Theories and Research GEC4: A-F, REQUISITE: CR, PR COURSE DESC: In-depth study of the major theories of college student development that are used in higher education and student affairs. Emphasis on understanding and critiquing the theories and related research.	LEC	LE	3	0		N	G40		0
EHS	C&HE	EDCP	8900	Special Topics in Education - College Student Personnel GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	C&HE	EDCP	8900	Special Topics in Education - College Student Personnel GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	C&HE	EDHE	5780	Introduction to Assessment & Evaluation in Higher Education GEC1: A-F REQUISITE: COURSE DESC: Provides students with an understanding of the principles and practices that are associated with assessment in higher education. Focuses on the reasons for the development of the current learning outcomes assessment movement in higher education and on approaches for improving academic programs and support services.	LEC	EL	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	5780	Introduction to Assessment & Evaluation in Higher Education GEC1: A-F REQUISITE: Provides students with an understanding of the principles and practices that are associated with assessment in higher education. Focuses on the reasons for the development of the current learning outcomes assessment movement in higher education and on approaches for improving academic programs and support services.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	5885	Historical and Contemporary Issues in Higher Education GEC1: A-F REQUISITE: An introduction to the study of the history of higher education including the role of the church and state in foundations, structures, personnel, and development of American higher education; and an introduction to contemporary issues including challenges and opportunities for higher education in American society.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	5885	Historical and Contemporary Issues in Higher Education GEC1: A-F REQUISITE: An introduction to the study of the history of higher education including the role of the church and state in foundations, structures, personnel, and development of American higher education; and an introduction to contemporary issues including challenges and opportunities for higher education in American society.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	6880	Higher Education and Student Affairs in the United States GEC4: A-F, REQUISITE: CR, PR An introduction to the study of foundations, structures, personnel, and development of American higher education.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	6880	Higher Education and Student Affairs in the United States GEC4: A-F, REQUISITE: CR, PR An introduction to the study of foundations, structures, personnel, and development of American higher education.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education GEC4: A-F, REQUISITE: EDHE 6880 CR, PR An exploration of the concepts and concerns that have shaped American higher education. Content includes key events, individuals, and institutions that have shaped the promise of access and excellence in post-secondary education.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education GEC4: A-F, REQUISITE: EDHE 6880 CR, PR An exploration of the concepts and concerns that have shaped American higher education. Content includes key events, individuals, and institutions that have shaped the promise of access and excellence in post-secondary education.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education GEC4: A-F, REQUISITE: EDHE 6880 CR, PR An exploration of the concepts and concerns that have shaped American higher education. Content includes key events, individuals, and institutions that have shaped the promise of access and excellence in post-secondary education.	SEM	EL	3	0		N	G50		0
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education GEC4: A-F, REQUISITE: EDHE 6880 CR, PR An exploration of the concepts and concerns that have shaped American higher education. Content includes key events, individuals, and institutions that have shaped the promise of access and excellence in post-secondary education.	SEM	SE	3	0		N	G50		0
EHS	C&HE	EDHE	6890	Legal Issues in American Higher Education GEC4: A-F, REQUISITE: CR, PR An introduction to legal rights, requirements, and issues that affect the operations of institutions and individuals in American higher education.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	6890	Legal Issues in American Higher Education GEC4: A-F, REQUISITE: CR, PR An introduction to legal rights, requirements, and issues that affect the operations of institutions and individuals in American higher education.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	6900	Special Topics in Higher Education and Student Affairs GEC4: A-F, REQUISITE: EDHE 6880 CR, PR COURSE DESC: Ongoing and up-to-date treatment of significant current developments in higher education.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	6900	Special Topics in Higher Education and Student Affairs GEC4: A-F, REQUISITE: EDHE 6880 CR, PR COURSE DESC: Ongoing and up-to-date treatment of significant current developments in higher education.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	6940	Capstone Project in Higher Education and Student Affairs GEC4: A-F, REQUISITE: EDRE 5010 CR, PR COURSE DESC: Students choose area of study; engage in library research, interviews, questionnaires, etc.; and write a substantial scholarly paper. Students must submit a proposal to the instructor by the ninth week of the quarter prior to the quarter enrollment.	RSC	RS	3	0		N	G50		0
EHS	C&HE	EDHE	7210	Diversity in American Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: The purpose is to facilitate the development of culturally effective higher education administrators and scholars through self-examination, understanding, and knowledge about culturally and racially diverse individuals.	SEM	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7210	Diversity in American Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: The purpose is to facilitate the development of culturally effective higher education administrators and scholars through self-examination, understanding, and knowledge about culturally and racially diverse individuals.	SEM	SE	3	0		N	G50		0
EHS	C&HE	EDHE	7390	The American Community College GEC4: A-F, REQUISITE: CR, PR COURSE DESC: An overview of the philosophy, history, and development of the community college in America. Reviews the social, economic, and political forces affecting these institutions. It also explores the rationale and techniques for keeping instructional and organizational functions responsive to the changing educational and workforce needs of the community. Will explore the development of the most exciting and uniquely American innovation in higher education since World War II, the community college. How and why did they come into being, how do they really work, and how can we make them more effective?	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7390	The American Community College GEC4: A-F, REQUISITE: CR, PR COURSE DESC: An overview of the philosophy, history, and development of the community college in America. Reviews the social, economic, and political forces affecting these institutions. It also explores the rationale and techniques for keeping instructional and organizational functions responsive to the changing educational and workforce needs of the community. Will explore the development of the most exciting and uniquely American innovation in higher education since World War II, the community college. How and why did they come into being, how do they really work, and how can we make them more effective?	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7390	The American Community College GEC4: A-F, REQUISITE: CR, PR COURSE DESC: An overview of the philosophy, history, and development of the community college in America. Reviews the social, economic, and political forces affecting these institutions. It also explores the rationale and techniques for keeping instructional and organizational functions responsive to the changing educational and workforce needs of the community. Will explore the development of the most exciting and uniquely American innovation in higher education since World War II, the community college. How and why did they come into being, how do they really work, and how can we make them more effective?	SEM	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7390	The American Community College GEC4: A-F, REQUISITE: CR, PR COURSE DESC: An overview of the philosophy, history, and development of the community college in America. Reviews the social, economic, and political forces affecting these institutions. It also explores the rationale and techniques for keeping instructional and organizational functions responsive to the changing educational and workforce needs of the community. Will explore the development of the most exciting and uniquely American innovation in higher education since World War II, the community college. How and why did they come into being, how do they really work, and how can we make them more effective?	SEM	SE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7780	Assessment and Evaluation in Higher Education and Student Affairs	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: EDHE 6880 CR, PR									
				COURSE DESC: Provides students with an understanding of the principles and practices that are associated with assessment in higher education. Focuses on the reasons for the development of the current assessment movement and on approaches for improving academic programs and support services.									
EHS	C&HE	EDHE	7780	Assessment and Evaluation in Higher Education and Student Affairs	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: EDHE 6880 CR, PR									
				COURSE DESC: Provides students with an understanding of the principles and practices that are associated with assessment in higher education. Focuses on the reasons for the development of the current assessment movement and on approaches for improving academic programs and support services.									
EHS	C&HE	EDHE	7790	Finance and Budgeting in Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: An overview of the principles and practices of financing institutions of higher education. Will also focus on the structure, process, and skills of building institutional budgets.									
EHS	C&HE	EDHE	7790	Finance and Budgeting in Higher Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: An overview of the principles and practices of financing institutions of higher education. Will also focus on the structure, process, and skills of building institutional budgets.									
EHS	C&HE	EDHE	7800	The Professoriate and Academic Administration in Higher Education	DIS	DI	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The purpose is to provide contextual knowledge of the evolution of the professoriate in American higher education, as well as the roles, responsibilities, institutional concerns, and career issues of individual members of the faculty. Issues associated with academic administration (e.g., workload) are also covered.									
EHS	C&HE	EDHE	7800	The Professoriate and Academic Administration in Higher Education	DIS	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The purpose is to provide contextual knowledge of the evolution of the professoriate in American higher education, as well as the roles, responsibilities, institutional concerns, and career issues of individual members of the faculty. Issues associated with academic administration (e.g., workload) are also covered.									
EHS	C&HE	EDHE	7800	The Professoriate and Academic Administration in Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The purpose is to provide contextual knowledge of the evolution of the professoriate in American higher education, as well as the roles, responsibilities, institutional concerns, and career issues of individual members of the faculty. Issues associated with academic administration (e.g., workload) are also covered.									
EHS	C&HE	EDHE	7810	Practicum in College Teaching and Curriculum Development	LEC	EL	1 to 4	4		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: A supervised experience in college teaching or curriculum development that students utilize for one or more purposes: to analyze, broaden, and/or deepen their skills in teaching; to analyze, create, and/or improve classes, courses, or programs, or for other purposes related to the improvement of the academic practices of faculty and learning experiences of students.									
EHS	C&HE	EDHE	7810	Practicum in College Teaching and Curriculum Development	LEC	LE	1 to 4	4		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: A supervised experience in college teaching or curriculum development that students utilize for one or more purposes: to analyze, broaden, and/or deepen their skills in teaching; to analyze, create, and/or improve classes, courses, or programs, or for other purposes related to the improvement of the academic practices of faculty and learning experiences of students.									

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EHS	C&HE	EDHE	7820	Effective Curriculum Development and Teaching Practices in American Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 7800 Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.									
EHS	C&HE	EDHE	7820	Effective Curriculum Development and Teaching Practices in American Higher Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 7800 Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.									
EHS	C&HE	EDHE	7820	Effective Curriculum Development and Teaching Practices in American Higher Education	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 7800 Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.									
EHS	C&HE	EDHE	7820	Effective Curriculum Development and Teaching Practices in American Higher Education	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 7800 Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.									
EHS	C&HE	EDHE	7830	Institutional Research and Planning in Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 6880 Provides students with an overview of the central issues, methods, and resources applicable to the field of Institutional Research (IR). Particular attention will be given to the diversity of institutional settings and the context within which institutional researchers practice, including small and large campuses, public and private colleges and universities, system offices, and state and federal level agencies. There are numerous definitions of Institutional Research that highlight this diversity of practice, but we will focus on IR as the study of information gathering and analysis in institutions of higher education for decision-making activities and support concerning short-term and long-range planning and improvement.									
EHS	C&HE	EDHE	7830	Institutional Research and Planning in Higher Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: EDHE 6880 Provides students with an overview of the central issues, methods, and resources applicable to the field of Institutional Research (IR). Particular attention will be given to the diversity of institutional settings and the context within which institutional researchers practice, including small and large campuses, public and private colleges and universities, system offices, and state and federal level agencies. There are numerous definitions of Institutional Research that highlight this diversity of practice, but we will focus on IR as the study of information gathering and analysis in institutions of higher education for decision-making activities and support concerning short-term and long-range planning and improvement.									
EHS	C&HE	EDHE	7850	Organization and Governance of Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: In-depth study of internal organizational patterns and structure of a variety of institutions of higher learning. The purpose is to provide a context for the study of organization and governance in higher education and to enhance students' ability to understand organizations of higher education, to analyze organizations, and to act within those organizations to enhance effective governance, decision-making, and change.									
EHS	C&HE	EDHE	7850	Organization and Governance of Higher Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: REQUISITE: In-depth study of internal organizational patterns and structure of a variety of institutions of higher learning. The purpose is to provide a context for the study of organization and governance in higher education and to enhance students' ability to understand organizations of higher education, to analyze organizations, and to act within those organizations to enhance effective governance, decision-making, and change.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7860	Leadership and Change Management in Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Focus on internal management issues and practices.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7860	Leadership and Change Management in Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Focus on internal management issues and practices.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7880	Policy Perspectives in Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Provides a context for the study of higher education policy and the policy-making process at the national and state level in the United States. It provides students with an overview of the role of federal government, state governors, legislatures, governing and coordinating boards, non-government agencies, lobbyists, and "the public" as they contribute to public policy for postsecondary education. Specifically, emphasis will be given to policy research, policy analysis, the roles of values and interest groups, equality of educational opportunity, systemic reform and implementation, and the politics of education.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7880	Policy Perspectives in Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Provides a context for the study of higher education policy and the policy-making process at the national and state level in the United States. It provides students with an overview of the role of federal government, state governors, legislatures, governing and coordinating boards, non-government agencies, lobbyists, and "the public" as they contribute to public policy for postsecondary education. Specifically, emphasis will be given to policy research, policy analysis, the roles of values and interest groups, equality of educational opportunity, systemic reform and implementation, and the politics of education.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems GEC4: A-F, REQUISITE: EDHE 6880 and 7830 and 7880 CR, PR COURSE DESC: Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.	DIS	DI	4	0		N	G50		0
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems GEC4: A-F, REQUISITE: EDHE 6880 and 7830 and 7880 CR, PR COURSE DESC: Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.	DIS	EL	4	0		N	G50		0
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems GEC4: A-F, REQUISITE: EDHE 6880 and 7830 and 7880 CR, PR COURSE DESC: Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.	LAB	LB	4	0		N	G50		0
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems GEC4: A-F, REQUISITE: EDHE 6880 and 7830 and 7880 CR, PR COURSE DESC: Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.	LEC	EL	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	7915	International Service-Learning	DIS	DI	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	7915	International Service-Learning	INT	IN	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	7915	International Service-Learning	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	7920	Practicum in Higher Education Administration and Leadership	PRA	PR	1 to 4	4		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	C&HE	EDHE	8900	Advanced Special Topics in Higher Education and Student Affairs	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	8900	Advanced Special Topics in Higher Education and Student Affairs	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar treatment of areas of current or topical interest in field of higher education.									
EHS	C&HE	EDHE	8930	Readings and Research in Higher Education and Student Affairs	IND	EL	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent study and specialized research projects for advanced students in field of higher education.									
EHS	C&HE	EDHE	8930	Readings and Research in Higher Education and Student Affairs	IND	IS	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent study and specialized research projects for advanced students in field of higher education.									
EHS	C&HE	EDHE	8950	Dissertation	THE	TH	1 to 15	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individualized instruction designed to facilitate students' development of proposal and dissertation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	2520	Administration of Education in Non-Western Cultures	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Study of educational administration in non-western cultures. The course focuses on introducing students to non-western cultures with a particular focus on Africa, Asia and Latin America. It seeks to provide the starting point for the development of a more open and diverse view of the development of various approaches to educational thought and practice. The content and activities will help students appreciate the fact that other societies as a consequence of different socio-cultural context possess "ways of knowing" although different, may be every bit as valuable and worthwhile as those to which students are accustomed.									
EHS	EDST	EDAD	2900	Special Topics in Education - Administration	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	2900	Special Topics in Education - Administration	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	4200	Comparative Cultures and Education	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasis on distinctive cultural, economic, and political forces which shape patterns, problems, and roles of education in developed and developing nations, including western and non-Western countries in the U.S., Europe and selected areas in Africa and/or Asia where former or present Western culture has continuing influence, with emphasis on education systems and development.									
EHS	EDST	EDAD	4200	Comparative Cultures and Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasis on distinctive cultural, economic, and political forces which shape patterns, problems, and roles of education in developed and developing nations, including western and non-Western countries in the U.S., Europe and selected areas in Africa and/or Asia where former or present Western culture has continuing influence, with emphasis on education systems and development.									
EHS	EDST	EDAD	4900	Special Topics in Education -Administration	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	4900	Special Topics in Education -Administration	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	5900	Special Topics in Education - Administration	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	5900	Special Topics in Education - Administration	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	5910	Educational Administration Internship I	INT	IN	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).									
EHS	EDST	EDAD	5911	Educational Administration Internship II	INT	IN	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	6000	Foundational Awareness of Education Public Policy Issues	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Students receive a foundational awareness of public policy issues in education. Topics explored offer an overview regarding how individuals involved with education public policy can develop an understanding of the education public policy process. Students consider how education public policy topics reach the public policy agenda and how agenda items are formulated. Additionally, students explore the development of select K-12 education public policy issues. Students also learn about the interplay between the power, policy and politics in education public policy-making.									
EHS	EDST	EDAD	6001	Issues, Institutions and Stakeholders in Education Public Policy	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Admission to the K - 12 Education Public Policy Certificate Leadership Program Students explore the nature of the institutions and stakeholders in the education public policy environment. Students understand the relationships between key institutions and stakeholders in education public policy. Students examine opportunities for multi-directional communication between institutions and stakeholders within the public policy sphere about education public policy issues. Further, students consider the dynamics between and the capacity of various education public policy institutions and stakeholders to influence education public policy issues.									
EHS	EDST	EDAD	6002	Education Public Policy Implementation and Evaluation	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Students explain the implementation and evaluation stages of the education public policy process. Students examine key steps in public policy implementation and explore how a new policy can be implemented. Students express insights regarding issues surrounding policy implementation. Additionally, students gain understandings regarding the general principles of evaluation in education public policy.									
EHS	EDST	EDAD	6003	Legal Issues in Education	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course offers an introduction to historical and contemporary legal issues occurring in school settings with a focus on legal literacy that reflects competent, caring, culturally responsive, and social justice oriented approaches to solutions. Topics explored include legal rights, requirements and key federal court cases that have shaped K-12 policies and procedures.									
EHS	EDST	EDAD	6004	Policy Perspectives in Education	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course reviews significant educational laws, court cases and policies that affect teaching and learning in today's schools. This course identifies ethical issues that affect the students' understanding of educational policy and policy formation. Additionally, the course helps students identify ways that they can use these laws and policies to create a more equitable educational system. Topics covered include: an overview of the role of federal, state, local governing bodies, non-government agencies, lobbyists, and other stakeholders on the policy making process for K-12 education. Exploration of the politics of education and institutional agendas is a major component.									
EHS	EDST	EDAD	6010	Introduction to Leadership and Organizational Behavior	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: CR, PR This course will introduce candidates to concepts of leadership and organizational behavior and how these concepts effect teaching and learning in classrooms and schools. The nature and role of leadership will also be analyzed in relation to students, peers, administration, community, professional associations and society at large.									
EHS	EDST	EDAD	6020	Structure and Behavior in Educational Organizations	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: CR, PR Considers organizational and behavioral theory as applied to the existing structure of schools and other educational agencies such as colleges, universities, private, and alternative schools.									
EHS	EDST	EDAD	6021	The School and Community	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: CR, PR Addresses the nature and history of relationships between schools and community with regard to opportunities and challenges for leadership.									
EHS	EDST	EDAD	6040	Technology for School Leadership	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR Prepares aspiring administrators to use various technologies including telecommunications and information systems to enrich curriculum and instruction as well as to manage the business functions of schools and districts. Students also engage in library and electronic research, interviews, questionnaires, etc., to develop the "data gathering" portfolio required as part of the principal's preparation program.									
EHS	EDST	EDAD	6110	Educational Law for School Leaders	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR Selected principles of constitutional, statutory, case, and common law affecting schools and school personnel with special reference to Ohio school law.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	6111	Legal Issues for Teachers	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR									
		COURSE DESC:		Introduces laws that govern the organization of schools and examine school funding in Ohio and its impact on Ohio's public schools.									
EHS	EDST	EDAD	6210	Educational Finance for School Leadership	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDAD 6010 or 601 CR, PR									
		COURSE DESC:		Examines economics and education; educational finance as type of public finance; theories, concepts, and issues related to programs designed to achieve equalization of educational opportunities; local, state, and federal programs of financial support for education.									
EHS	EDST	EDAD	6310	Personnel Administration in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR									
		COURSE DESC:		Organization and implementation of personnel functions. Covers organizational structure, staff procurement, staff selection, staff development, and conditions of service for people in the organization. Competencies in course conceptually oriented to provide understanding of personnel process.									
EHS	EDST	EDAD	6400	The Principalship	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Leadership theories and practices. School/community organization; social-political forces; instructional leadership; teacher appraisal; elementary, middle, and secondary school administration.									
EHS	EDST	EDAD	6421	Instructional Leadership for Teacher Leaders	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR									
		COURSE DESC:		Focuses on practices that enhance teachers' instructional leadership. Practices built on an understanding of what is meant by 'student-centered' or differentiated instruction as well as on the abilities to design instruction that is responsive to the developmental stages; learning needs; cognitive abilities and skills; affective competencies and proclivities; and social, economic and cultural circumstances of various individual students.									
EHS	EDST	EDAD	6425	The Role of the Principal in Instruction	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR									
		COURSE DESC:		Focuses on practices that enhance instructional leadership for aspiring principals. Practices built on an understanding of what is meant by 'student-centered' or differentiated instruction as well as on the abilities to design instruction that is responsive to the developmental stages; learning needs; cognitive abilities and skills; affective competencies and proclivities; and social, economic and cultural circumstances of various individual students.									
EHS	EDST	EDAD	6430	Standards-Based Assessment for School Leaders	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) and EDRE 5010 CR, PR									
		COURSE DESC:		Engages principal candidates in learning activities and applied projects related to the development and use of standards-based assessments by school leaders. Within the context of developing leadership capacities, emphasis placed on implementing relevant assessment and using the results of assessments to inform school improvement efforts.									
EHS	EDST	EDAD	6431	Data Applications for Teacher Leaders	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) and EDRE 5010 CR, PR									
		COURSE DESC:		Designed to enable teacher leader candidates to contribute significantly to the effectiveness of educational practices and programs in their schools.									
EHS	EDST	EDAD	6610	School-Community Relations	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Principles, program organization, agents, and media in effective school-community relations; models of communication; attitude change; development of problem situations and simulations of practical problem-solving techniques; examples from public school administration, higher education administration, and sports administration.									
EHS	EDST	EDAD	6810	Managing the School District	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Superintendent licensure course emphasizing data analysis, strategic planning, resource/facilities allocation, and public relations.									
EHS	EDST	EDAD	6820	Planning for District Improvement	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Superintendent licensure course emphasizing district-wide strategic planning for the purpose of improving schooling operations and outcomes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	6830	Human Relations at the District Level	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Superintendent licensure course emphasizing the role of human relations for effective district leadership.									
EHS	EDST	EDAD	6900	Special Topics in Education - Administration	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	6900	Special Topics in Education - Administration	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	6915	Educational Administration Internship I (Superintendency)	INT	IN	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Field-oriented internship experience in educational administration (for aspiring superintendents).									
EHS	EDST	EDAD	6916	Educational Administration Internship II (Superintendency)	INT	IN	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Field-oriented internship experience in educational administration (for aspiring superintendents).									
EHS	EDST	EDAD	6920	Education Public Policy Practicum and Residency	PRA	PR	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is the culmination of the Education Public Policy Leadership Certificate and it includes a face-to-face networking residency and capstone experience. Students network and interface with their cohort members and participate in seminars where capstone projects regarding education public policy are presented to peers and select policymakers.									
EHS	EDST	EDAD	6941	Final Masters Project for Teacher Leaders	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Designed to enable teacher leader candidates to develop pertinent and valid research questions and implement action research projects that can inform their collaborations with others in making knowledge accessible to all students and ensuring equity of educational programs. Teachers will use teacher leadership skills to design, implement, evaluate and report on an inquiry-intervention based on research and on an identified classroom and or school need or strength. The project will be the major element in this internship within his or her own classroom/school with the support of a mentor available to the teacher leader candidate on the school site.									
EHS	EDST	EDAD	6942	Research in Educational Administration	RSC	RS	1 to 6	33		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual research studies.									
EHS	EDST	EDAD	6950	Thesis	THE	TH	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Masters thesis.									
EHS	EDST	EDAD	6980	Educational Administration Portfolio I: Data Gathering	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Candidates engage in the collection, compilation, and presentation of data relevant to describing salient characteristics of the community, district, and school in which they serve.									
EHS	EDST	EDAD	7020	State and National Administration of Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		State program of education, state responsibility, educational organization, certification and tenure, national problems in education.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	7030	Advanced Seminar in Policy Initiatives and Networks in Education	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Utilizes relevant methods and theoretical perspectives to analyze local, regional and global educational policies. Involves reading and discussing sociological texts, policy study literature and conducting collaborative research analysis and evaluation on different educational policy initiatives.									
EHS	EDST	EDAD	7030	Advanced Seminar in Policy Initiatives and Networks in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Utilizes relevant methods and theoretical perspectives to analyze local, regional and global educational policies. Involves reading and discussing sociological texts, policy study literature and conducting collaborative research analysis and evaluation on different educational policy initiatives.									
EHS	EDST	EDAD	7071	Comparative Cultures and Education	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on studies in learning as a social process with emphasis on the non-Western experience among others. Aims at expanding students understanding of education through the examination of other approaches to educational thought and practice. Ultimate aim is to immensely enhance students understanding of their own traditions through a better understanding of educational traditions of other societies and cultures. Predisposes students to re-orient themselves and place them in positions to reexamine and critically reflect on their own traditions in somewhat different ways. Our increasing interdependence in a global context makes it imperative that we understand how other societies solve similar problems in education. Among the countries and regions to be interrogated are Malaysia, Singapore, China, sub-Saharan Africa, Austria, U.S., Canada, Australia and New Zealand.									
EHS	EDST	EDAD	7071	Comparative Cultures and Education	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on studies in learning as a social process with emphasis on the non-Western experience among others. Aims at expanding students understanding of education through the examination of other approaches to educational thought and practice. Ultimate aim is to immensely enhance students understanding of their own traditions through a better understanding of educational traditions of other societies and cultures. Predisposes students to re-orient themselves and place them in positions to reexamine and critically reflect on their own traditions in somewhat different ways. Our increasing interdependence in a global context makes it imperative that we understand how other societies solve similar problems in education. Among the countries and regions to be interrogated are Malaysia, Singapore, China, sub-Saharan Africa, Austria, U.S., Canada, Australia and New Zealand.									
EHS	EDST	EDAD	7072	Education & Development in Developing Countries	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Interdisciplinary course focuses on the role of learning systems in changing developing societies; historical and ethnographic studies of pre-colonial, colonial, and post-independence education; and education and training as tools for contemporary change and socioeconomic development. What are the implications of these for any given educational setting? Who are marginalized by the way we conduct education? What is the individual's responsibility in building a community? How is education connected with Development and vice versa? The challenges posed to these traditions in an increasingly global world community in the 21st century are discussed. Designed not to answer questions but to question answers. This mode of thinking can create space for dialogue that will assist each of us to come to a fuller understanding of the role of education in our respective societies as well as the world at large.									
EHS	EDST	EDAD	7072	Education & Development in Developing Countries	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Interdisciplinary course focuses on the role of learning systems in changing developing societies; historical and ethnographic studies of pre-colonial, colonial, and post-independence education; and education and training as tools for contemporary change and socioeconomic development. What are the implications of these for any given educational setting? Who are marginalized by the way we conduct education? What is the individual's responsibility in building a community? How is education connected with Development and vice versa? The challenges posed to these traditions in an increasingly global world community in the 21st century are discussed. Designed not to answer questions but to question answers. This mode of thinking can create space for dialogue that will assist each of us to come to a fuller understanding of the role of education in our respective societies as well as the world at large.									
EHS	EDST	EDAD	7073	Perspectives in International/Global Education	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines different perspectives international/global education covering the Americas, Africa, Asia, Europe and the Middle East. Among the perspectives explored include but not limited to the right to education, teacher formation, alternative pedagogies, gender, international assessments, indigenous knowledge, peace building and global citizenship. among others. Through these perspectives various global educational practices are examined.									
EHS	EDST	EDAD	7073	Perspectives in International/Global Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines different perspectives international/global education covering the Americas, Africa, Asia, Europe and the Middle East. Among the perspectives explored include but not limited to the right to education, teacher formation, alternative pedagogies, gender, international assessments, indigenous knowledge, peace building and global citizenship. among others. Through these perspectives various global educational practices are examined.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	7300	Advanced Seminar in Leadership	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced seminar engaging leadership theory from traditional and non-traditional perspectives. Leadership for change, especially among leaders in education, is central focus.									
EHS	EDST	EDAD	7310	Conflict Management in Educational Administration	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Theories, attitudes, techniques, and strategies for managing conflict, solving problems, negotiating, and decision making in educational organizations. Focuses on understanding conflict and persons involved. Practice for third-party mediators, as well as conflict participants.									
EHS	EDST	EDAD	7420	Planning Educational Facilities	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Helps student to gain an appreciation for importance of facilities to educational enterprises. Acquaints student with principles, processes, and problems involved in identification of need for planning and acquisition of new facilities and for improvements to existing facilities.									
EHS	EDST	EDAD	7510	Business Administration in Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Helps student develop increased awareness of and appreciation for role and function of business administration in total educational enterprise. Promotes understanding of major task areas and competencies required to become knowledgeable about current theories and recommended practices in administration of business affairs in education.									
EHS	EDST	EDAD	7521	Critical Analysis of School Effectiveness Models and Methods	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive systematic inquiry into school effectiveness as a process (i.e., investigation via methodological considerations) and as a theoretical construct (i.e., investigation via epistemological considerations).									
EHS	EDST	EDAD	7522	Education and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines major theories of educational development as an area contributing to the comprehensive national development, economically, socially, or culturally. Investigates areas such as historical and ethnographic studies of pre-colonial, colonial, and post-independence societies and explore how education and training can contribute as tools for contemporary change and sustainable socioeconomic development.									
EHS	EDST	EDAD	7522	Education and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines major theories of educational development as an area contributing to the comprehensive national development, economically, socially, or culturally. Investigates areas such as historical and ethnographic studies of pre-colonial, colonial, and post-independence societies and explore how education and training can contribute as tools for contemporary change and sustainable socioeconomic development.									
EHS	EDST	EDAD	7523	Issues and Institutions in Global Education and Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines different theoretical frameworks and looks at several multi- and bi-lateral donor key institutions and nongovernmental organizations (NGOs) engaged in international cooperation for educational planning around the world. Assesses models of policy processes and formulation transculturally.									
EHS	EDST	EDAD	7523	Issues and Institutions in Global Education and Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines different theoretical frameworks and looks at several multi- and bi-lateral donor key institutions and nongovernmental organizations (NGOs) engaged in international cooperation for educational planning around the world. Assesses models of policy processes and formulation transculturally.									
EHS	EDST	EDAD	7524	Global and Transcultural Understandings	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Aims at preparing students as critical global citizens with the intercultural facility necessary to offer leadership in civil society, government, and nongovernmental organizations in transcultural settings. Examines the theoretical frameworks of transcultural understanding and tools of cross-cultural competencies and their application to specific regions of the world.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	7524	Global and Trancultural Understandings	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Aims at preparing students as critical global citizens with the intercultural facility necessary to offer leadership in civil society, government, and nongovernmental organizations in transcultural settings. Examines the theoretical frameworks of transcultural understanding and tools of cross-cultural competencies and their application to specific regions of the world.									
EHS	EDST	EDAD	7525	Advanced Comparative Education: Methods and Theories	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces theories and practices of comparative education. Analyzes the historical development of the field and its relations with policy-making and other areas of comparative study. Explores key concepts and theoretical frameworks used by comparativists; and develop understanding of the main methodological approaches to systematic comparative education.									
EHS	EDST	EDAD	7525	Advanced Comparative Education: Methods and Theories	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces theories and practices of comparative education. Analyzes the historical development of the field and its relations with policy-making and other areas of comparative study. Explores key concepts and theoretical frameworks used by comparativists; and develop understanding of the main methodological approaches to systematic comparative education.									
EHS	EDST	EDAD	7710	Community Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Engagement with philosophies of community education with emphasis on the role of educational administrators in conceptualizing philosophy and then taking leadership in developing and implementing community education programs. Applied leadership elements geared toward enhancing relevant knowledge/skill sets and building capacity to support community-based educational program development and implementation.									
EHS	EDST	EDAD	7820	Politics/Policy in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines ideas related to political power and educational decision making, community power structure, school board member nomination and election, politics and innovations, and administrator's base of influence in community.									
EHS	EDST	EDAD	7840	Educational Planning and Evaluation	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intended to help advanced graduate students gain better understanding of theories related to and systems and techniques employed in comprehensive planning and evaluation in educational enterprises of all types and levels, and help students gain some competence in application of those theories, systems, and techniques.									
EHS	EDST	EDAD	7900	Special Topics in Educational Administration	SEM	EL	1 to 6	18		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Intensive course or workshop for practicing educational administrators. Content of each offering specially selected to meet needs of particular group being served. Amount of credit depends on length of course.									
EHS	EDST	EDAD	7900	Special Topics in Educational Administration	SEM	SE	1 to 6	18		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Intensive course or workshop for practicing educational administrators. Content of each offering specially selected to meet needs of particular group being served. Amount of credit depends on length of course.									
EHS	EDST	EDAD	7910	Leadership Project--Problem Identification	INT	IN	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individualized field-oriented course designed to assist practicing educator in conducting systematic, in-depth studies to identify critical problem areas in selected phase of school system operation.									
EHS	EDST	EDAD	7911	Leadership Project--Implementation	INT	IN	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individualized field-oriented course to assist practicing educator in developing skills in identifying techniques and strategies for implementing change related to critical problem areas identified in EDAD 7910.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	7912	Leadership Project-- Analysis and Evaluation	INT	IN	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Individualized field-oriented course to assist practicing educators in identifying and using techniques for analyzing their practices in implementing change. Complete leadership project (EDAD 7910, 7911, and 7912) culminates in a written analysis and evaluation under direction of advisor.									
EHS	EDST	EDAD	7915	Advanced Seminar in Educational Leadership I	INT	IN	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Field-oriented advanced seminar in educational leadership and policy. Seminar I focuses on practice.									
EHS	EDST	EDAD	7916	Advanced Seminar in Educational Leadership II	INT	IN	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Field-oriented advanced seminar in educational leadership and policy. Seminar II focuses on research.									
EHS	EDST	EDAD	8110	Legal Aspects of Educational Administration	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Intensive study of selected aspects of both case and statutory laws, constitutional basis for education, schools in their legal setting, school legislation, and relevant court decisions. Extensive reading in an approved law library required.									
EHS	EDST	EDAD	8110	Legal Aspects of Educational Administration	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Intensive study of selected aspects of both case and statutory laws, constitutional basis for education, schools in their legal setting, school legislation, and relevant court decisions. Extensive reading in an approved law library required.									
EHS	EDST	EDAD	8240	Seminar in Educational Finance	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Helps students gain greater depth of understanding of theories, practices, problems, and issues to foster an increased competence in financing educational enterprises.									
EHS	EDST	EDAD	8240	Seminar in Educational Finance	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Helps students gain greater depth of understanding of theories, practices, problems, and issues to foster an increased competence in financing educational enterprises.									
EHS	EDST	EDAD	8310	Seminar in Collective Bargaining in Education	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Enhances understanding of collective bargaining movement in education through simulation, readings, guest lectures, media presentations, and discussions. Each student assigned a bargaining team which has responsibility for negotiating a contract. Attention given to analyzing contracts between selected employee groups and boards of education, impasse resolution, and contract administration.									
EHS	EDST	EDAD	8310	Seminar in Collective Bargaining in Education	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Enhances understanding of collective bargaining movement in education through simulation, readings, guest lectures, media presentations, and discussions. Each student assigned a bargaining team which has responsibility for negotiating a contract. Attention given to analyzing contracts between selected employee groups and boards of education, impasse resolution, and contract administration.									
EHS	EDST	EDAD	8440	Seminar in Educational Facilities	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Helps students gain greater depth of understanding of and competence in planning of educational facilities and administration of building programs.									
EHS	EDST	EDAD	8440	Seminar in Educational Facilities	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Helps students gain greater depth of understanding of and competence in planning of educational facilities and administration of building programs.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	8540	Seminar in Business Administration in Education	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Helps students gain understanding of and competence in administration of business affairs in education.									
EHS	EDST	EDAD	8540	Seminar in Business Administration in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Helps students gain understanding of and competence in administration of business affairs in education.									
EHS	EDST	EDAD	8640	Seminar in Public Relations	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special topics, new concepts, and specific techniques for public relations in public, private, higher education, and sports administration; in-depth investigation of problems of specific interest.									
EHS	EDST	EDAD	8640	Seminar in Public Relations	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special topics, new concepts, and specific techniques for public relations in public, private, higher education, and sports administration; in-depth investigation of problems of specific interest.									
EHS	EDST	EDAD	8800	Rural Schools and Communities	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Consideration of the relationship between schools and rural communities, including issues related to democratic localism, state and national education agendas, and economic development in rural areas. Analysis of general and specific skills required for leadership in rural schools and districts, including examination of formal and informal interactions, and individual and collaborative leadership needs.									
EHS	EDST	EDAD	8810	Organization in Educational Systems	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of organizational and systems theories and analysis of organizational systems. Study of implications of such theories and systems for educational administration.									
EHS	EDST	EDAD	8820	Politics/Policy in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines ideas related to political power and educational decision making, community power structure, school board member nomination and election, politics and innovations, and administrator's base of influence in community.									
EHS	EDST	EDAD	8900	Special Topics in Education - Administration	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	8900	Special Topics in Education - Administration	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDAD	8901	Research in Educational Administration	TUT	TU	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Research seminar; content varies.									
EHS	EDST	EDAD	8950	Dissertation	THE	TH	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Doctoral dissertation.									
EHS	EDST	EDCS	1010	Education and the Democratic Community	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Examines the varied dimensions of democracy and the democratic community and how education, both formal and informal, can prepare empowered participatory citizens. Social values that underlie conceptions of democracy explored.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	1011	Introduction to Diversity Studies	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces concepts important to understanding diversity, especially in the United States. Concepts such as privilege, domination, deculturalization, socialization, intersectionality, marginalization and others explored. Provides an introductory exploration in the domains of race/ethnicity, gender, class, sexual orientation and disability.									
EHS	EDST	EDCS	1912	Introduction to Diversity Studies Field Experience/Internship	INT	IN	1 to 3	60		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Field experience or internship in a school, community or organizational setting related to diversity issues and education.									
EHS	EDST	EDCS	3010	Education and Cultural Diversity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Teacher Candidacy and (Jr or Sr)						
		COURSE DESC:		Public schools are the life-blood of a democracy. One measure of their success is how well they educate all children, regardless of race, class, ethnicity, gender, disability, sexual orientation, family configuration, language and religion. Observes, analyzes and reflects on classroom instruction and learning in a culturally diverse environment and society. Explores the cultural, social, and historical dimensions of education as they relate to a diversity. Examines the cultural and historical context of domination and exploitation in the U.S.; the self as an anti-bias educator, and the curriculum and pedagogy in an anti-bias classroom. Utilizes discussion drawn from lectures, readings, film, and the stories of students and classroom educators. Field service learning component as part of course assignments so that students have an opportunity to engage in multicultural education and interact with diverse peoples.									
EHS	EDST	EDCS	4000	Democracy, Education & Society	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	One course in Tier II Social Sciences or Humanities and Sr only						
		COURSE DESC:		Examines the historical and philosophical roots of education in the U.S. Engages students in a critical examination of contemporary issues in education and the role of citizens and educators as transformative change agents for the improvement of schools with a commitment to equity and socially just education. Synthesizes educational history, philosophy, sociology, politics, as they address the responsibilities of families, students, educators and the community in educational practices in the United States.									
EHS	EDST	EDCS	4001	Democracy, Diversity and Education	SEM	SE	3	0	3	N	U30		25
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	One course in Tier II Social Sciences or Humanities and Sr only						
		COURSE DESC:		Synthesizes the fields of diversity, our democratic society and education's promise for transformation and social change. Studies the social, philosophical, ideological, and historical foundations of diversity in the United States and asks how we can become transformative change agents in creating and sustaining a more diverse and educated citizenry.									
EHS	EDST	EDCS	4900	Special Topics in Critical Studies in Educational Foundations	SEM	EL	1 to 4	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity education training for educators, art and education, environmental education, African and Native American-centered schooling. May be delivered in multiple formats, including but limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	EDCS	4900	Special Topics in Critical Studies in Educational Foundations	SEM	SE	1 to 4	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity education training for educators, art and education, environmental education, African and Native American-centered schooling. May be delivered in multiple formats, including but limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	EDCS	4920	Practicum in Critical Studies in Educational Foundations	PRA	PR	1 to 9	36		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Practicum in school, community or organizational settings related to critical studies in educational foundations theories.									
EHS	EDST	EDCS	4930	Independent Study in Critical Studies in Educational Foundations	IND	IS	1 to 9	24		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	EDCS	5000	Advanced Studies in the Histories of Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Advanced study of various historical movements and time periods related to education. Advanced and focused study about specific historians and/or historians of education. Pays special attention to historically marginalized peoples within specific historical educational movements and trends. Allows the opportunity to engage in advanced study of historical topics in education that are often overlooked in survey courses.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	5010	History & Philosophies of Education	SEM	EL	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Examines educational history and philosophy by approaching the two fields as interconnected social moments in a long conversation about the role and purposes of education in the United States. The social practice of education grows out of the explanatory constructs we hold about our history and several philosophical themes relevant to education. Themes include: (a) the various conceptions of human nature, (b) the relationship between the individual and the group or the citizen to the state, (c) the nature of the "good" life, and the nature of knowledge and the processes of knowing. Given that philosophies do not exist and are not created within a vacuum, explores how our history contextualizes the development of our philosophies, that in turn impact the way we develop and carry-out schooling. Also examines select non-western historical and philosophical legacies that impact how education was or was not accessible to historically marginalized peoples.								
EHS	EDST	EDCS	5010	History & Philosophies of Education	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Examines educational history and philosophy by approaching the two fields as interconnected social moments in a long conversation about the role and purposes of education in the United States. The social practice of education grows out of the explanatory constructs we hold about our history and several philosophical themes relevant to education. Themes include: (a) the various conceptions of human nature, (b) the relationship between the individual and the group or the citizen to the state, (c) the nature of the "good" life, and the nature of knowledge and the processes of knowing. Given that philosophies do not exist and are not created within a vacuum, explores how our history contextualizes the development of our philosophies, that in turn impact the way we develop and carry-out schooling. Also examines select non-western historical and philosophical legacies that impact how education was or was not accessible to historically marginalized peoples.								
EHS	EDST	EDCS	5020	Education and Transformative Social Change	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Examines educational thought, theory and assumptions regarding the role that education may play in bringing about transformative social change that addresses issues of social justice. Examples drawn from contemporary innovative alternative community or school-based programs, guerilla radio or internet programming, conflict reduction programs bringing children of warring parties together, to the historical contributions of Freedom Schools from the Civil Rights Movement, the Highlander Folk Center in Tennessee, and the liberatory pedagogy of Freirean Culture Circles, among other educational initiatives. Change may occur within a school setting, or through community-based educational programs, or via larger national/international educational movements and programs. Grassroots organizing will be noted.								
EHS	EDST	EDCS	5030	Advanced Study in Philosophy of Education	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Identifies particular philosophical schools of thought related to education or specific philosophers who address education. Examples of philosophers range from John Dewey to Alaine Locke to Maxine Greene and bell hooks who address the educational realm directly. Other philosophers who include educational philosophy in their general bodies of work include those such as Plato, Rousseau, Wolfe, Rorty and Foucault, among others. Potentially every philosophical school of thought from Ancient Greek philosophy to Existential philosophy to Postmodern and Post-Colonial philosophy can be studied for its educational implications. Each semester offering will select from among possible schools of philosophical thought and/or movements, as well as choosing from among specific philosophical thinkers.								
EHS	EDST	EDCS	5040	Sociology, Politics, and Change in Education	SEM	EL	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Education is not a neutral endeavor. It is both a societal enterprise and a localized social activity; as such, it is embedded in an ever changing socio-cultural context. Taken seriously, these two ideas point our attention to several sociological and political questions about education such as, What is the purpose of education? Who benefits from education as it is constituted? Who decides curriculum, structure, funding, etc.? What are the implications for any given educational setting? Who is marginalized by the way we "do" education in the U.S. context? What does educational change look like? Is change possible in U.S. schools, and if so, in what manner? Critically examines the complex interactions of societal structures and political ideologies as they intersect, influence and impact educational realities in U.S. public schools.								
EHS	EDST	EDCS	5040	Sociology, Politics, and Change in Education	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC4: A-F, REQUISITE:								
				CR, PR									
				COURSE DESC:	Education is not a neutral endeavor. It is both a societal enterprise and a localized social activity; as such, it is embedded in an ever changing socio-cultural context. Taken seriously, these two ideas point our attention to several sociological and political questions about education such as, What is the purpose of education? Who benefits from education as it is constituted? Who decides curriculum, structure, funding, etc.? What are the implications for any given educational setting? Who is marginalized by the way we "do" education in the U.S. context? What does educational change look like? Is change possible in U.S. schools, and if so, in what manner? Critically examines the complex interactions of societal structures and political ideologies as they intersect, influence and impact educational realities in U.S. public schools.								
EHS	EDST	EDCS	5090	Education and the Democratic Community	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
				PR									
				COURSE DESC:	Explores the relationship between democracy and education from multiple perspectives, including liberal democracy, pragmatist democracy and radical democracy. Critically examines concepts important to a democracy that relate to the distinction between public and private spheres, pluralism, community, individuality and responsibility, for example. Begins with assumption that schools in the U.S. have a significant role in educating for participatory democratic citizens. Examines whether and how our public schools accomplish this aim, or whether they in fact, work contrary to it. Examines pedagogical practices and school as an institution and inquire about their effectiveness in educating for an inclusive and participatory democracy. Examines contemporary and enduring issues in our democracy that are connected to or impact our students, schools and communities.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	5100	Introduction to Critical Studies in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines how educational systems are situated within the context of culture, knowledge, the economy, media and power. Utilizing interdisciplinary sources, explores the relationship between school and society with interpretive, normative, and critical theories and methods. Applies critical and cultural theories to deconstruct the socio-cultural influences and hegemony acting upon and utilizing education; the implications of those factors on the purposes of education, how we educate, foster student engagement and create successful learning communities in school and beyond will be examined. Attention given to contemporary dimensions and dynamics that intersect and impact education today, i.e., youth culture, marginalized voices, and popular media and culture. Examines several alternative theoretical and pedagogical approaches that have the potential to more closely fulfill the democratic 'promise' that education can indeed, make a difference in individual lives and create more socially just people, schools, communities and world.									
EHS	EDST	EDCS	5110	Colloquium in Critical Studies in Educational Foundations	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to CSE masters graduate program									
		COURSE DESC:		Allows for two primary learning activities. First, offered as an introduction to graduate studies in critical studies in education foundation (CSE), addressing issues preparatory to graduate work, including but not limited to: graduate study expectations, writing at the graduate level, publishing and presenting, collaboration, learning APA style, and introductory discussions about research topics and methodologies. The second provides space to invite guest speakers, hold panel discussions, show films, and/or have CSE student research presentations.									
EHS	EDST	EDCS	5900	Independent Study in Critical Studies in Educational Foundations	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	EDCS	5900	Independent Study in Critical Studies in Educational Foundations	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	EDCS	6010	Education & Cultural Diversity	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the historical and contemporary issues of diversity in education. Schools and classrooms do not exist in a socio-political vacuum. Premised on how education has been and continues to be a site, if not a tool, for power and privilege as well as resistance and social justice. In addition to leading students through a self-examination of their own assumptions and beliefs surrounding diversity, explores historical events and legal cases related to diverse students in schools; theories of identity and culture and how these theories impact constructions of diversity and multicultural education; and strategies for effectively engaging issues of diversity in educational contexts. Offers an opportunity to engage in diversity education in the larger community through a service learning experience.									
EHS	EDST	EDCS	6011	Cultural Pedagogy for Historically Marginalized Peoples	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides opportunity for in-depth study of various culturally-based pedagogies that have been developed for the education of historically marginalized peoples. May be couched in historical movements such as the Black Power Movement or the American Indian Movement of the 1960 and 70s, or may be more contemporary pedagogical approaches such as: (a) dual language immersion schools for Spanish and English speaking students, (b) centered education approaches for Native American and African American students in particular, (c) Freirean literacy approaches for adult learners from working class or working poor backgrounds, (d) gender segregated approaches or separate learning environments. In addition, explores other potential pedagogical strategies based upon understanding cultural contexts and the contemporary educational climate.									
EHS	EDST	EDCS	6900	Special Topics in Critical Studies in Educational Foundations	SEM	EL	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Exploration of special topics in the field of critical studies in educational foundations. Examples might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. Addresses particular theorists related to the field in depth and focused. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	EDCS	6900	Special Topics in Critical Studies in Educational Foundations	SEM	SE	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Exploration of special topics in the field of critical studies in educational foundations. Examples might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. Addresses particular theorists related to the field in depth and focused. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	6920	Practicum in Critical Studies in Educational Foundations	PRA	PR	1 to 9	36		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Practicum in school, community or organizational settings related to critical studies in educational foundations theories.									
EHS	EDST	EDCS	6940	Research in Critical Studies in Educational Foundations	RSC	RS	1 to 9	36		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individualized research project/readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	EDCS	6941	Master's Research Project in Critical Studies in Educational Foundations	RSC	RS	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Non-thesis option in critical studies in educational foundations; major paper/project required.									
EHS	EDST	EDCS	6950	Masters Thesis in Critical Studies in Educational Foundations	THE	TH	1 to 9	36		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Under the guidance of a faculty member, completion of a full research thesis in the field of critical studies in educational foundations.									
EHS	EDST	EDCS	7000	Alternative Approaches to Educational Theory and Pedagogy	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Examines alternative approaches to educational theory and pedagogy. As a theory-based course, interrogates the social, cultural, and philosophical contexts of education. Focuses on relational/caring theory and other alternative educational theories that promote holistic education, home or open schooling models, arts, environmental, nature, and spirituality based education. Ultimately examines the connection between interpretations of the human condition and education.									
EHS	EDST	EDCS	7010	The Social and Cultural Contexts of Leadership	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Examines the concept of leadership as perceived and constructed in the United States based on the traditionalist conception of what leadership is and should be universally, that is, the Western canonical paradigm. The existence of leadership outside the Western cultural canon and the discourse that elicits the critical-cultural and social construction of leadership is scarce and, in many instances, noticeably absent. Examines leadership studies first, by investigating the cultural foundations of leadership; second, by investigating the cultural production of leadership and its significance from a social critical theoretical context; and third, vets leadership from a non-traditionalist (non-Western) historical perspective. Leadership and its development is both a social construction grounded in the cultural historical context that produces it; hence, all leadership is inherently critically cultural. Contextually all leadership is a social, cultural, historical construction (thus political) by the nature of who the leader is and what leadership paradigm they employ. Investigates this dynamic and the critical discourse in leadership studies referred to as transformational leadership.									
EHS	EDST	EDCS	7020	The Moral and Ethical Dimensions of Leadership	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Provides opportunity to engage in a broad exploration of the moral and ethical dimensions of leadership as it applies to various educational and community settings. Assumes that leadership extends beyond traditional roles and models of leadership. Examines how people who consider themselves leaders and or change/agents recognize and make moral and ethical decisions in their practice. The discipline of Western philosophy has developed multiple moral frameworks in an effort to explain how and why we make moral and ethical decisions and/or what guidelines we might rely upon in doing so. In addition, developmental psychology has also paid attention to the stages of moral development and reasoning for the same purpose. It is worthwhile to be familiar with these philosophical models, and at the same time be aware that most people make moral and ethical decisions drawing upon multiple rationales, cultural value sets, and contexts. Examines the serious import of understanding oneself and one's moral and ethical living and decision-making, given the depth of impact of moral and ethical decisions in people's lives.									
EHS	EDST	EDCS	8010	Critical Cultural Theories & Pedagogies for Empowering Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Provides an advanced examination of the relationships between schools and society, focusing predominantly upon critical theory and its derivatives, in order to understand the role of education and schools' unique position within society. Any institution with power has the ability to do good, as well as the power to do harm. Explores empowering pedagogies that emanate from critical theories in order to address the role of power and related concepts in educational institutions and provide pedagogical tools for educators and students to critically examine the implications and consequences of how we educate. Examines the societal, cultural, institutional and personal domains as we inquire into how we might educate all our young people well in the midst of changing social and institutional contexts, power, and resistance.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	8900	Special Topics in Critical Studies in Educational Foundations	SEM	EL	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. May also address particular theorists and theories related to the field of critical studies in educational foundations in depth and focused beyond what may be covered within the current curriculum. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	EDCS	8900	Special Topics in Critical Studies in Educational Foundations	SEM	SE	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. May also address particular theorists and theories related to the field of critical studies in educational foundations in depth and focused beyond what may be covered within the current curriculum. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	EDCS	8920	Practicum in Critical Studies in Educational Foundations	PRA	PR	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Practicum in school, community or organizational settings related to critical studies in educational foundations theories									
EHS	EDST	EDCS	8940	Research in Critical Studies in Educational Foundations	RSC	RS	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Individualized research project/readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	EDCS	8950	Dissertation in Critical Studies in Educational Foundations	THE	TH	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		With the guidance of faculty adviser and doctoral committee, completion of original dissertation research in the field of critical studies in educational foundations.									
EHS	EDST	EDCT	2030	Technological Applications in Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Required course for all teachers seeking Ohio licensure. Acquaints candidates with technology applications commonly found in educational settings. Using TPCK theoretical framework (Technological Pedagogical Content Knowledge) encompasses effectively identifying, locating, evaluating, designing, preparing and efficiently using educational technology as instructional resources in the classroom as related to the principles of teaching and learning. Develops increased classroom communication abilities through lectures, discussions, modeling, computer lab experiences and completion of a comprehensive portfolio project. Utilizes variety of open source technologies to develop and enhance classroom instruction including hardware and software to develop skills in word processing, using spreadsheets, use of the Web, evaluating educational software and evaluating web pages, use multimedia and create a Web page. Utilizes low, medium and high technology to enhance classroom instruction, communication and classroom management. Designed to meet the requirements of the International Society for Technology in Education NETS Standards for Teachers (http://www.iste.org/Content/NavigationMenu/NETS/ForTeachers/2008Standards/NETS_for_Teachers_2008.htm) and the National Council for the Accreditation of Teacher Education (NCATE) technology requirements.									
EHS	EDST	EDCT	2900	Special Topics in Education - Computer Technology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	2900	Special Topics in Education - Computer Technology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	5011	Technological Applications in Education - Open Source Tools for Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Teacher Education majors only. Undergraduate degree with teaching license/certification if seeking an endorsement for teaching license. CR, PR									
		COURSE DESC:		Acquaints students with applications commonly found in educational settings. Students use application software, hypermedia, e-mail, and the Internet. Emphasis on integrating technology across the curriculum and the use of Web 2.0 tools and applications. Students design technology-enriched lessons for use in K-12 and higher education settings. ISTE Standards for Teachers and Technology Facilitators are the framework for this course.									
EHS	EDST	EDCT	5012	Computer Education and Technology- Technology in Education: Open Source Content	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Acquaints students with open source and cloud computing commonly found in educational settings. Uses open source software, multimedia, collaborative tools, and the Web 3.0 technology. Emphasis on integrating technology within the curriculum using the TPACK model and the International Society for Technology in Education Facilitator Standards.									
EHS	EDST	EDCT	5012	Computer Education and Technology- Technology in Education: Open Source Content	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Acquaints students with open source and cloud computing commonly found in educational settings. Uses open source software, multimedia, collaborative tools, and the Web 3.0 technology. Emphasis on integrating technology within the curriculum using the TPACK model and the International Society for Technology in Education Facilitator Standards.									
EHS	EDST	EDCT	5900	Special Topics in Education - Computer Technology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	5900	Special Topics in Education - Computer Technology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	5901	Computer Education and Technology Workshop in Productivity Tools	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topic productivity tools in computer education and technology.									
EHS	EDST	EDCT	5901	Computer Education and Technology Workshop in Productivity Tools	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topic productivity tools in computer education and technology.									
EHS	EDST	EDCT	5902	Computer Education and Technology Workshop in Information Tools	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in computer education and technology program in information tools.									
EHS	EDST	EDCT	5902	Computer Education and Technology Workshop in Information Tools	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in computer education and technology program in information tools.									
EHS	EDST	EDCT	5903	Computer Education and Technology Workshop in Network Tools	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in network tools in computer education and technology.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	5903	Computer Education and Technology Workshop in Network Tools	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in network tools in computer education and technology.									
EHS	EDST	EDCT	5904	Computer Education and Technology Workshop in Programming Concepts	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in programming concepts in computer education and technology.									
EHS	EDST	EDCT	5904	Computer Education and Technology Workshop in Programming Concepts	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in programming concepts in computer education and technology.									
EHS	EDST	EDCT	5905	Computer Education and Technology Workshop in Curriculum Development	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in curriculum development in computer education and technology.									
EHS	EDST	EDCT	5905	Computer Education and Technology Workshop in Curriculum Development	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in curriculum development in computer education and technology.									
EHS	EDST	EDCT	5906	Computer Education and Technology Workshop in the Science Curriculum and Technology	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics for the development of science curriculum and technology integration.									
EHS	EDST	EDCT	5906	Computer Education and Technology Workshop in the Science Curriculum and Technology	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics for the development of science curriculum and technology integration.									
EHS	EDST	EDCT	5907	CET Workshop: Distance Learning	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in distance learning in computer education and technology program.									
EHS	EDST	EDCT	5907	CET Workshop: Distance Learning	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in distance learning in computer education and technology program.									
EHS	EDST	EDCT	5908	Computer Education and Technology Workshop in the Math Curriculum and Technology	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in math curriculum development and technology integration in the computer education and technology program.									
EHS	EDST	EDCT	5908	Computer Education and Technology Workshop in the Math Curriculum and Technology	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop format. Special topics in math curriculum development and technology integration in the computer education and technology program.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	6002	Visual Literacy for Mediated Instruction	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Visual literacy is defined as the ability to understand and use images, including the ability to think, learn, and express oneself in terms of images. Improves the learner's visual literacy knowledge and ability to master image manipulation and distribution software. Focuses on using critical thinking skills to interpret and create instructional visual images, with particular emphasis on integrating images into mediated learning experiences.									
EHS	EDST	EDCT	6002	Visual Literacy for Mediated Instruction	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Visual literacy is defined as the ability to understand and use images, including the ability to think, learn, and express oneself in terms of images. Improves the learner's visual literacy knowledge and ability to master image manipulation and distribution software. Focuses on using critical thinking skills to interpret and create instructional visual images, with particular emphasis on integrating images into mediated learning experiences.									
EHS	EDST	EDCT	6011	Instructional Design	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces designing instruction in mediated environments. Teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered through or mediated through digital communication and interaction technology. Reviews how to conduct a needs analysis, task analysis and learner analysis. Will utilize these analysis skills to design instruction. Strategies for instructing declarative, conceptual, procedural, algorithmic knowledge covered. Utilizes strategies to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. Skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, games, etc.). Each week a component of instructional design is done leading to a final project demonstrating their abilities. Traditional midterm and final examinations are required. Lays foundation for the rest of the masters program.									
EHS	EDST	EDCT	6011	Instructional Design	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces designing instruction in mediated environments. Teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered through or mediated through digital communication and interaction technology. Reviews how to conduct a needs analysis, task analysis and learner analysis. Will utilize these analysis skills to design instruction. Strategies for instructing declarative, conceptual, procedural, algorithmic knowledge covered. Utilizes strategies to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. Skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, games, etc.). Each week a component of instructional design is done leading to a final project demonstrating their abilities. Traditional midterm and final examinations are required. Lays foundation for the rest of the masters program.									
EHS	EDST	EDCT	6012	Teaching and Learning Online	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Provides overview of teaching and learning in online environments in both K-12 and higher education. Distance Learning and educational theory and practice serves as course framework. Development of online mini-course/professional development course using the Moodle Learning Management System (LMS) required. Blackboard LMS system as well as LMS sites such as Desire to Learn, Angel and Microsoft Sharepoint explored. Course meets the ISTE Facilitator Standard 7.									
EHS	EDST	EDCT	6012	Teaching and Learning Online	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Provides overview of teaching and learning in online environments in both K-12 and higher education. Distance Learning and educational theory and practice serves as course framework. Development of online mini-course/professional development course using the Moodle Learning Management System (LMS) required. Blackboard LMS system as well as LMS sites such as Desire to Learn, Angel and Microsoft Sharepoint explored. Course meets the ISTE Facilitator Standard 7.									
EHS	EDST	EDCT	6030	Principles of Instructional Design	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course introduces instructional design principles and process. Students will survey different instructional theories and their associated methods. It teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered or mediated through digital communication and interaction technology, with an emphasis on assessment and evaluation strategies. Strategies for instructing declarative, conceptual, procedural knowledge are covered. Students will learn to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. These skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, etc.). A new component of instructional design is addressed each week leading to a final project demonstrating students' abilities.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	6030	Principles of Instructional Design	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		This course introduces instructional design principles and process. Students will survey different instructional theories and their associated methods. It teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered or mediated through digital communication and interaction technology, with an emphasis on assessment and evaluation strategies. Strategies for instructing declarative, conceptual, procedural knowledge are covered. Students will learn to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. These skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, etc.). A new component of instructional design is addressed each week leading to a final project demonstrating students' abilities.									
EHS	EDST	EDCT	6031	Advanced Topics in Instructional Design	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		This course presents instructional design from a management perspective. Project management will be addressed as students employ knowledge of the instructional design process to develop, evaluate and revise project plans for education and training scenarios. Timeline, cost, resource management and scope will be points of focus. Students will learn strategies for implementing and managing change.									
EHS	EDST	EDCT	6031	Advanced Topics in Instructional Design	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		This course presents instructional design from a management perspective. Project management will be addressed as students employ knowledge of the instructional design process to develop, evaluate and revise project plans for education and training scenarios. Timeline, cost, resource management and scope will be points of focus. Students will learn strategies for implementing and managing change.									
EHS	EDST	EDCT	6032	Adult Learning in Online Environments	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Addresses adult learning theory and implications for instructional strategies for adults, particularly in mediated environments. Principles of andragogy will inform the selection and development of materials, resources, activities and assessment tools for an online course development project. Distance education theory and practice and social presence for learning will be addressed. Ethical and legal uses of copyrighted materials in e-learning environments will be discussed along with accessibility issues that affect the development of online instruction. The impact of learner differences (e.g., culture/race, ability/disability, gender, age, socioeconomic status, and family influences) in the delivery of e-learning for adults will also be discussed.									
EHS	EDST	EDCT	6032	Adult Learning in Online Environments	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
				PR									
		COURSE DESC:		Addresses adult learning theory and implications for instructional strategies for adults, particularly in mediated environments. Principles of andragogy will inform the selection and development of materials, resources, activities and assessment tools for an online course development project. Distance education theory and practice and social presence for learning will be addressed. Ethical and legal uses of copyrighted materials in e-learning environments will be discussed along with accessibility issues that affect the development of online instruction. The impact of learner differences (e.g., culture/race, ability/disability, gender, age, socioeconomic status, and family influences) in the delivery of e-learning for adults will also be discussed.									
EHS	EDST	EDCT	6042	Leadership and Professional Development in Technology	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
				CR, PR									
		COURSE DESC:		Designed to enhance the educator's role in providing instructional and building leadership and to become knowledgeable leaders in the use of technology in educational settings. Includes opportunities to develop and conduct professional development in K-12, higher education and industry locations. Meets the NCATE ISTE Technology Facilitator Standards 4 and 8.									
EHS	EDST	EDCT	6042	Leadership and Professional Development in Technology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
				CR, PR									
		COURSE DESC:		Designed to enhance the educator's role in providing instructional and building leadership and to become knowledgeable leaders in the use of technology in educational settings. Includes opportunities to develop and conduct professional development in K-12, higher education and industry locations. Meets the NCATE ISTE Technology Facilitator Standards 4 and 8.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	6051	Multimedia Tools in Education	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Preparation for designing and developing interactive multimedia. Multimedia incorporates graphics, animation, images, video, sound and text. These elements combined in an interactive environment where the user gets feedback from the computer system. These interactive environments must be designed and programmed (both skills are covered in course). Introduces basic logic in computing. Flash and Actionscript used to design thematic/integrated lessons using to demonstrate programming technics. Construction of assignments in Flash and work independently through tutorials. Each face-to-face class session in seminar format. Topics for the face-to-face seminars will be basic programming, interactive game principles, and programming in the classroom.									
EHS	EDST	EDCT	6051	Multimedia Tools in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Preparation for designing and developing interactive multimedia. Multimedia incorporates graphics, animation, images, video, sound and text. These elements combined in an interactive environment where the user gets feedback from the computer system. These interactive environments must be designed and programmed (both skills are covered in course). Introduces basic logic in computing. Flash and Actionscript used to design thematic/integrated lessons using to demonstrate programming technics. Construction of assignments in Flash and work independently through tutorials. Each face-to-face class session in seminar format. Topics for the face-to-face seminars will be basic programming, interactive game principles, and programming in the classroom.									
EHS	EDST	EDCT	6052	Assessment and Evaluation in Technology-Rich Classrooms	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Application of technology in assessing student learning of subject matter using a variety of assessment techniques; use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning; and apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication and productivity.									
EHS	EDST	EDCT	6052	Assessment and Evaluation in Technology-Rich Classrooms	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Application of technology in assessing student learning of subject matter using a variety of assessment techniques; use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning; and apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication and productivity.									
EHS	EDST	EDCT	6122	Masters Portfolio in Computer Education and Technology	STU	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Development of professional electronic portfolio and participation in public showcase. Portfolio is culminating experience for students in the master of education, computer education and technology program. Portfolio is a learning portfolio providing opportunity for students to synthesize what they learned in the program, show their growth over time, and document the mastery of the National Educational Technology Standards for Teachers (NETS) developed by the International Society for Technology in Education (ISTE).									
EHS	EDST	EDCT	6122	Masters Portfolio in Computer Education and Technology	STU	ST	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Development of professional electronic portfolio and participation in public showcase. Portfolio is culminating experience for students in the master of education, computer education and technology program. Portfolio is a learning portfolio providing opportunity for students to synthesize what they learned in the program, show their growth over time, and document the mastery of the National Educational Technology Standards for Teachers (NETS) developed by the International Society for Technology in Education (ISTE).									

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EHS	EDST	EDCT	6900	Special Topics in Education - Computer Technology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	6900	Special Topics in Education - Computer Technology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	6901	Workshop in Computer Education: Special Topics	LEC	EL	1 to 5	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to provide practicing teachers and other instructional personnel with short course workshops and summer institutes directed toward their identified needs. Areas of concentration are (1) Productivity Tools, (2) Information Tools, (3) Network Tools, (4) Hypermedia Tools, (5) Programming Concepts, (6) Curriculum Development, (7) Special Topics, (8) Distance Learning/ online course development.									
EHS	EDST	EDCT	6901	Workshop in Computer Education: Special Topics	LEC	LE	1 to 5	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to provide practicing teachers and other instructional personnel with short course workshops and summer institutes directed toward their identified needs. Areas of concentration are (1) Productivity Tools, (2) Information Tools, (3) Network Tools, (4) Hypermedia Tools, (5) Programming Concepts, (6) Curriculum Development, (7) Special Topics, (8) Distance Learning/ online course development.									
EHS	EDST	EDCT	6910	Computer Education and Technology Clinical Practice: Theory into Practice	INT	IN	1 to 4	4		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Allows intern to apply theory to practice in a world setting. Clinical practitioner expected to perform professional development and technology training in an organization that has a definite educational technology focus. Issues of diversity in educational setting and diversity of students is a critical component. Meets the ISTE Technology Facilitator Standards 2 and 3.									
EHS	EDST	EDCT	6913	Master's Research Project	LEC	EL	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Non-thesis option, major research paper required under the direction of the advisor (typically action research within an educational setting).									
EHS	EDST	EDCT	6913	Master's Research Project	LEC	LE	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Non-thesis option, major research paper required under the direction of the advisor (typically action research within an educational setting).									
EHS	EDST	EDCT	6940	Research in Education	RSC	RS	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individualized research project.									
EHS	EDST	EDCT	6950	Thesis	THE	TH	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Completing empirical research leading to a thesis to be defended with a master's review committee.									
EHS	EDST	EDCT	7011	Philosophy of Instructional Technology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores the philosophy of technology with special emphasis on instructional technology and design. Discusses philosophical and historical interpretations of modern technology with the goal of deepening our understanding of the relationship between technology, society and education.									
EHS	EDST	EDCT	7012	Advanced Instructional Design	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCT 6011 CR, PR									
		COURSE DESC:		Provides advanced content in instructional design.									

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EHS	EDST	EDCT	7012	Advanced Instructional Design	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCT 6011 CR, PR									
		COURSE DESC:		Provides advanced content in instructional design.									
EHS	EDST	EDCT	7021	Online Course Development	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Utilizes a combination of lectures, hands-on experiences, guest speakers, discussions, and projects to help participants understand the strengths and limits of current technologies for distance education. Participants create and evaluate an online course as well as apply theory and practice for the administration of distance learning (DL) environments.									
EHS	EDST	EDCT	7021	Online Course Development	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Utilizes a combination of lectures, hands-on experiences, guest speakers, discussions, and projects to help participants understand the strengths and limits of current technologies for distance education. Participants create and evaluate an online course as well as apply theory and practice for the administration of distance learning (DL) environments.									
EHS	EDST	EDCT	7022	Issues and Trends in Instructional Technology	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the issues and trends in instructional technology and the changes within the field of instructional design. Future trends examined for their impact on the teaching and learning environments of K-12, higher education, industry and the military.									
EHS	EDST	EDCT	7022	Issues and Trends in Instructional Technology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the issues and trends in instructional technology and the changes within the field of instructional design. Future trends examined for their impact on the teaching and learning environments of K-12, higher education, industry and the military.									
EHS	EDST	EDCT	7031	Theory and Practice in Adult Learning	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the learning theories, models, and principles, and their application to the instructional process with adults.									
EHS	EDST	EDCT	7031	Theory and Practice in Adult Learning	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the learning theories, models, and principles, and their application to the instructional process with adults.									
EHS	EDST	EDCT	7032	Research Literature in Instructional Technology	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces doctoral students to current and historical research in instructional technology and appropriate research methods in the field. Designed to introduce some of the important research in the field of instructional technology while also understanding a variety of research methods appropriate for exploring questions.									
EHS	EDST	EDCT	7032	Research Literature in Instructional Technology	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces doctoral students to current and historical research in instructional technology and appropriate research methods in the field. Designed to introduce some of the important research in the field of instructional technology while also understanding a variety of research methods appropriate for exploring questions.									
EHS	EDST	EDCT	7041	Professional Development and Workplace Consultation	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the use of professional development, training and consultation as a means of improving productivity and the use of technology in teaching and learning settings in K-12, higher education and industry. Issues surrounding the management of projects, supervision, leadership and assessment are critical to successful integration of technology.									
EHS	EDST	EDCT	7041	Professional Development and Workplace Consultation	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the use of professional development, training and consultation as a means of improving productivity and the use of technology in teaching and learning settings in K-12, higher education and industry. Issues surrounding the management of projects, supervision, leadership and assessment are critical to successful integration of technology.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	7042	Emerging Technologies for Learning	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the emerging technologies in the field of instruction and how these technologies may/will impact teaching and learning. These include mobile technologies, virtual technologies and cloud technologies.									
EHS	EDST	EDCT	7042	Emerging Technologies for Learning	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the emerging technologies in the field of instruction and how these technologies may/will impact teaching and learning. These include mobile technologies, virtual technologies and cloud technologies.									
EHS	EDST	EDCT	7900	Advanced Seminar in Instructional Technology	SEM	EL	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Allows for advanced study of emerging technologies and instructional design methods in instructional technology field.									
EHS	EDST	EDCT	7900	Advanced Seminar in Instructional Technology	SEM	SE	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Allows for advanced study of emerging technologies and instructional design methods in instructional technology field.									
EHS	EDST	EDCT	7933	Advanced Seminar in Instructional Technology - Adult Education and Instructional Technology	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines andragogy in the use of instructional technology methods for online learning									
EHS	EDST	EDCT	7933	Advanced Seminar in Instructional Technology - Adult Education and Instructional Technology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines andragogy in the use of instructional technology methods for online learning									
EHS	EDST	EDCT	7935	Advanced Seminar in Instructional Technology - Curriculum Development	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the changing environment of curriculum development and instruction within the framework of instructional technology.									
EHS	EDST	EDCT	7935	Advanced Seminar in Instructional Technology - Curriculum Development	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the changing environment of curriculum development and instruction within the framework of instructional technology.									
EHS	EDST	EDCT	7960	Advanced Seminar Instructional Technology - Distance Education	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the field of distance education within the framework of instructional technology design theory.									
EHS	EDST	EDCT	7960	Advanced Seminar Instructional Technology - Distance Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the field of distance education within the framework of instructional technology design theory.									
EHS	EDST	EDCT	7961	Advanced Seminar in Instructional Technology - New and Emerging Technologies	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines new and emerging technologies to be used in educational settings for teaching and learning.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	7961	Advanced Seminar in Instructional Technology - New and Emerging Technologies	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines new and emerging technologies to be used in educational settings for teaching and learning.									
EHS	EDST	EDCT	7962	Advanced Seminar in Instructional Technology - Cognition and Pedagogy	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the development of new pedagogues in relationship to cognitive theory involving the use of instructional technology for face-to-face and online teaching and learning. Cognitive theory and the impact of technology on pedagogy is central theme.									
EHS	EDST	EDCT	7962	Advanced Seminar in Instructional Technology - Cognition and Pedagogy	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the development of new pedagogues in relationship to cognitive theory involving the use of instructional technology for face-to-face and online teaching and learning. Cognitive theory and the impact of technology on pedagogy is central theme.									
EHS	EDST	EDCT	7964	Advanced Seminar in Instructional Technology - Philosophy of Instructional Technology	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces new philosophies in instructional technology and their application in higher education. Provides an advanced examination of learning theory, philosophy in the field of instructional technology and instructional design.									
EHS	EDST	EDCT	7964	Advanced Seminar in Instructional Technology - Philosophy of Instructional Technology	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduces new philosophies in instructional technology and their application in higher education. Provides an advanced examination of learning theory, philosophy in the field of instructional technology and instructional design.									
EHS	EDST	EDCT	8900	Special Topics in Education - Computer Technology	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	8900	Special Topics in Education - Computer Technology	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDCT	8920	Practicum in Instructional Technology	PRA	PR	1 to 6	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides students with a practical educational experience in the field of instructional technology. Practicum experience designed by students with advisor approval.									
EHS	EDST	EDCT	8930	Research in Education	IND	EL	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Designed for students interested in exploring specific areas of research interest relating to instructional technology. Guided readings/ research, tailored to meet the needs and interests of individual students, in selected topics in instructional technology. Topics/research include contemporary issues relating to the field of instructional technology									
EHS	EDST	EDCT	8930	Research in Education	IND	IS	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Designed for students interested in exploring specific areas of research interest relating to instructional technology. Guided readings/ research, tailored to meet the needs and interests of individual students, in selected topics in instructional technology. Topics/research include contemporary issues relating to the field of instructional technology									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	8950	Dissertation	THE	EL	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Completion of the dissertation is the culminating research for completing a Doctor of Philosophy in instructional technology. Dissertation involves original research that adds to the scholarship of the field of instructional technology.									
EHS	EDST	EDCT	8950	Dissertation	THE	TH	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Completion of the dissertation is the culminating research for completing a Doctor of Philosophy in instructional technology. Dissertation involves original research that adds to the scholarship of the field of instructional technology.									
EHS	EDST	EDRE	2900	Special Topics in Education - Research & Evaluation	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	2900	Special Topics in Education - Research & Evaluation	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	5010	Introduction to Research Methods	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate Status							
		COURSE DESC:		Methods of research, assessment, and evaluation in education. Selecting, planning, and evaluating research problems.									
EHS	EDST	EDRE	5900	Special Topics in Education - Research & Evaluation	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	5900	Special Topics in Education - Research & Evaluation	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	6900	Special Topics in Education - Research & Evaluation	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	6900	Special Topics in Education - Research & Evaluation	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	6920	Special Projects in Educational Research and Evaluation	PRA	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Individual research and/or practical experience in educational research, statistics, measurements, and evaluation. May be critical evaluation or practical application of recent research in regard to objectives, content, and methodology. Projects may be individual or small groups.									
EHS	EDST	EDRE	6920	Special Projects in Educational Research and Evaluation	PRA	PR	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Individual research and/or practical experience in educational research, statistics, measurements, and evaluation. May be critical evaluation or practical application of recent research in regard to objectives, content, and methodology. Projects may be individual or small groups.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDRE	6930	Readings in Educational Research and Evaluation	IND	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Guided readings course, tailored to meet needs and interests of individual students, in selected topics in educational research, measurement, statistics, and evaluation. Topics can include current trends, issues, techniques, and application of educational research and evaluation methods to other relevant fields.									
EHS	EDST	EDRE	6930	Readings in Educational Research and Evaluation	IND	IS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Guided readings course, tailored to meet needs and interests of individual students, in selected topics in educational research, measurement, statistics, and evaluation. Topics can include current trends, issues, techniques, and application of educational research and evaluation methods to other relevant fields.									
EHS	EDST	EDRE	6940	Research in Educational Research and Evaluation	RSC	RS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Culminating experience involving the scholarly application of research, theory, and professional practice. Student chooses area of study in educational research, statistics, measurement, or evaluation and writes a substantial scholarly paper.									
EHS	EDST	EDRE	6950	Thesis	THE	TH	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Seminar contents varies. Completion of masters thesis.									
EHS	EDST	EDRE	7110	Theory and Techniques of Test Development	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 CR, PR									
		COURSE DESC:		Introduction to classical (true-score) test theory as it applies to test and measurement development, including such topics as reliability, validity, generalizability theory, standard-setting, and bias.									
EHS	EDST	EDRE	7120	Item Response Theory and Modern Educational Measurement	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 CR, PR									
		COURSE DESC:		Introduction to item response theory (IRT) including such topics as test construction, equating, data simulation, differential item functioning, parameter estimation, and computer adaptive testing. Introduction to research topics in educational measurement.									
EHS	EDST	EDRE	7200	Educational Statistics	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Measures of central tendency, measures of variability, standard scores, normal curve, simple regression, correlation, point estimates, testing statistical hypotheses, confidence intervals, t-distributions, chi-square distributions, and F-distributions. Use of computer statistical packages.									
EHS	EDST	EDRE	7210	Regression Analysis in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 CR, PR									
		COURSE DESC:		Multiple regression, general linear model, logistic regression, analysis of variance designs, contrasts. Use of computer statistical packages.									
EHS	EDST	EDRE	7230	Questionnaires and Scale Development in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 CR, PR									
		COURSE DESC:		Emphasis on questionnaire design and analysis using appropriate statistical methods. Includes scaling, sampling, data collection, and issues of validity and reliability.									
EHS	EDST	EDRE	7330	Research Design in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 and 7500 CR, PR									
		COURSE DESC:		Critical evaluation of research literature. Design and development of research studies. Emphasis on development of research problems, data collection, ethics and methods of analysis.									
EHS	EDST	EDRE	7500	Introduction to Qualitative Research Methods in Education	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to the experience of qualitative data collection methods in educational research. Review of origins, theory, and design of qualitative research, qualitative method, issues of validity, reliability, and human subject ethics.									

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EHS	EDST	EDRE	7500	Introduction to Qualitative Research Methods in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to the experience of qualitative data collection methods in educational research. Review of origins, theory, and design of qualitative research, qualitative method, issues of validity, reliability, and human subject ethics.									
EHS	EDST	EDRE	7510	Qualitative Interviewing Methods in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 7500 PR									
		COURSE DESC:		Examines the process of designing studies in which qualitative interviews are performed for data collection purposes. Conduct in-depth personal and/or focus group interviews, prepare transcripts of interviews, and interpret as well as evaluate the qualitative data collected. Different approaches to interpreting interview data will be studied (e.g. thematic, conceptual, narrative, metaphor, grounded theory, etc.).									
EHS	EDST	EDRE	7520	Ethnographic Methods in Education	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 7500 PR									
		COURSE DESC:		Examines the process of designing and executing ethnographic research studies. Engage in different forms of participant observation, write field notes, conduct ethnographic interviews, and analyze cultural artifacts and documents. Different approaches to interpreting ethnographic data studied including domain, taxonomic, componential, and thematic analyses.									
EHS	EDST	EDRE	7600	Multivariate Statistical Methods in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7210 CR, PR									
		COURSE DESC:		Multivariate methods in educational statistics, statistical modeling, extensions of the general linear model. Use of computer statistical packages.									
EHS	EDST	EDRE	7610	Computer Science Applications in Educational Research	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7600 CR, PR									
		COURSE DESC:		Use of Monte Carlo methods in educational statistics using statistical programming languages.									
EHS	EDST	EDRE	7610	Computer Science Applications in Educational Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7600 CR, PR									
		COURSE DESC:		Use of Monte Carlo methods in educational statistics using statistical programming languages.									
EHS	EDST	EDRE	7620	Computer Applications in Educational Research	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7600 CR, PR									
		COURSE DESC:		Specialized and advanced computer applications and programming for the analysis of data in educational research.									
EHS	EDST	EDRE	7620	Computer Applications in Educational Research	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7600 CR, PR									
		COURSE DESC:		Specialized and advanced computer applications and programming for the analysis of data in educational research.									
EHS	EDST	EDRE	7800	Program Evaluation in Education	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 and 7500 CR, PR									
		COURSE DESC:		Enhances understanding of theories related to and systems and techniques employed in program evaluation in educational enterprises of all types and levels, and helps students gain some competence in application of those theories, systems, and techniques.									
EHS	EDST	EDRE	7800	Program Evaluation in Education	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 and 7500 CR, PR									
		COURSE DESC:		Enhances understanding of theories related to and systems and techniques employed in program evaluation in educational enterprises of all types and levels, and helps students gain some competence in application of those theories, systems, and techniques.									
EHS	EDST	EDRE	7910	Advanced Special Projects in Educational Research and Evaluation	INT	IN	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual research, fieldwork, or internship in educational research, statistics, measurements, and evaluation. May be critical evaluation or practical application of research methodology.									

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EHS	EDST	EDRE	7930	Advanced Readings in Educational Research and Evaluation	IND	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Guided readings course, tailored to meet needs and interests of individual students, in selected advanced topics in educational research, measurement, statistics, and evaluation. May be a theoretical or critical evaluation of recent research in some area in regard to objectives, content, and methodology. These projects may be individual or small groups.									
EHS	EDST	EDRE	7930	Advanced Readings in Educational Research and Evaluation	IND	IS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Guided readings course, tailored to meet needs and interests of individual students, in selected advanced topics in educational research, measurement, statistics, and evaluation. May be a theoretical or critical evaluation of recent research in some area in regard to objectives, content, and methodology. These projects may be individual or small groups.									
EHS	EDST	EDRE	7940	Advanced Research in Educational Research and Evaluation	RSC	RS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced seminar for research in selected topics in educational research and evaluation, including current trends, issues, and techniques. The projects will involve study of the scholarly application of research methods, analysis, theory, and professional practice. Student chooses area of study in educational research, measurement, statistics, or evaluation and writes a scholarly paper intended for presentation or publication.									
EHS	EDST	EDRE	8900	Special Topics in Education - Research & Evaluation	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	8900	Special Topics in Education - Research & Evaluation	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	EDRE	8950	Dissertation	THE	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Completion of dissertation.									
EHS	EDST	EDRE	8950	Dissertation	THE	TH	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Completion of dissertation.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EHS	PCOE	2301C	Building Leadership in Adolescent Girls through Mentorship	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Youth mentoring programs have proliferated in recent years. This course identifies why mentoring programs have become popular tools to promote self-esteem amongst adolescents, as well as what effective mentoring looks like. In this service learning course, students will be paired with local area middle school girls and Ohio University's Women's Center to conduct the Young Women's Leadership Program. In addition to information on mentoring generally, this course takes a gendered approach to understanding the particular challenges that adolescent girls face both within and outside of school. This is a designated service learning course.									
EHS	EHS	PCOE	4900H	Honors Seminar	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares honors students for their research topics and proposals. Students give presentations related to honor's thesis plans and develop strategies to provide and receive constructive feedback related to scholarly work.									
EHS	EHS	PCOE	4920H	Honors Practicum	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Students work independently, under the direction of the major advisor, on scholarly project for honor's thesis.									
EHS	EHS	PCOE	4930H	Readings in Honors Work	IND	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Students explore topics for honor's thesis through reading and reviewing scholarly work.									
EHS	EHS	PCOE	4930H	Readings in Honors Work	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Students explore topics for honor's thesis through reading and reviewing scholarly work.									
EHS	EHS	PCOE	4950H	Honors Thesis in HCS	TUT	TU	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Students make progress toward and complete an undergraduate honors thesis.									
EHS	EHS	PCOE	5900	Patton College of Education Workshop	LEC	EL	1 to 3	99		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The Patton College of Education Workshop is designed to offer graduate credit for professional development workshops that serve as continuing education for practicing professionals in education and other human services. Course content varies. This course cannot be used towards any Ohio University degree requirements.									
EHS	EHS	PCOE	5900	Patton College of Education Workshop	LEC	LE	1 to 3	99		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The Patton College of Education Workshop is designed to offer graduate credit for professional development workshops that serve as continuing education for practicing professionals in education and other human services. Course content varies. This course cannot be used towards any Ohio University degree requirements.									
EHS	EHS	PCOE	5902	Mentoring Quality Matters: Supporting Ohio's Continuum of Teacher Development	LEC	LE	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F This course is a professional development workshop comprised of three modules that focus on the role of mentoring during teacher preparation and induction. Development of pre-service teachers and beginning teachers is addressed from the Professional Internship through the Resident Educator Experiences. The Continuum of Teacher Development and Ohio's Seven Standards for the Teaching Profession for P-12 educators are referenced. This course cannot be used toward any Ohio University degree.									
EHS	EHS	PCOE	5903	Mentor Quality Matters: Mentoring Teacher Candidates	LEC	LE	1	99		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:							
		COURSE DESC:		PR, F During this workshop, current P-12 teachers examine various approaches to mentoring early field experience preservice teacher candidates. Discussions address topics such as planning and goal setting, getting teacher candidates involved and engaged with the students and their instruction, and encouraging reflection. Finally, special attention is given to the utilization of teacher candidates to increase instructional opportunities for students and personal growth opportunities for teachers. At the completion of the 15 clock hours of on-line facilitated learning and assignments of the workshop, participants receive a Certificate of Completion and 1 semester hour of graduate credit. This course cannot be used towards any Ohio University degree requirements.									

**MASTER CURRICULUM FILE
 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EHS	PCOE	5904	Teacher Quality Matters: Co-Teaching in P-12 Schools	LEC	LE	1	99		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		Workshop Description: The purpose of this 5 module workshop is to help develop ways that current educational professionals can utilize teacher candidates in supporting and improving P-12 student learning through a co-teaching framework. A primary outcome of the workshop will be the design and development of projects that can be used as exemplars for other mentor teachers and increased comfort with and implementation of co-teaching strategies. This course cannot be used towards any Ohio University degree requirements.									
EHS	EHS	PCOE	5905	Mentor Quality Matters: Internship and Resident Educator Experiences	LEC	LE	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:								
		COURSE DESC:		This course covers research on the role, qualities, and benefits of mentoring that apply to internships and residency in three modules: Educators and Mentors; The Professional Internship Experience; and The Resident Educator Experience. This course may not be used for any Ohio University degree program.									
EHS	EHS	PCOE	5906	TQM: PROFESSIONALISM AND TEACHER LEADERSHIP	LEC	LE	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		This workshop focuses on providing in-service teachers with knowledge and skills they will use while working with teacher candidates in order to support their growing capacities in professionalism and teacher leadership. Growth in professionalism and teacher leadership is explored for the purposes of modeling and scaffolding a deeper understanding of professional ethics, policies, operating standards and professional conduct of educators.									
EHS	EHS	PCOE	5907	Trauma Informed Practice for Mentor Teachers in P-12 Settings	LEC	LE	1	99		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		This professional development workshop is designed for P-12 teachers working with students and families who have experienced trauma and substance abuse. The modules focus on the role of teachers in recognizing warning signs of substance abuse, implementing prevention efforts, promoting social/emotional learning competencies (SEL) in the classroom, and helping students develop individual and relational resources. This module compliments the HOPE (Health and Opioid Prevention Education) curriculum funded by the Ohio Department of Higher Education and developed by health educators and classroom teachers. At the completion of the 15 clock hours of online facilitated learning and assignments, participants receive a Certificate of Completion and one semester hour of graduate credit. This workshop cannot be used toward any Ohio University degree requirement.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	1100	Community and Workforce Opportunities in Family and Consumer Sciences	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph									
		COURSE DESC:		Offers an opportunity to gain awareness of varied career choices as a family and consumer sciences (FCS) professional. Introduction to career exploration strategies utilizing FCS national standards. Emphasis is on professional assessment of goals, skills, and new trends in family and consumer sciences, and career/technical education and resources.									
EHS	HCSE	CONS	2500	Families as Consumers in Global Communities	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An analysis of basic components and operations of the economic system in the United States as they affect the consumer. Current consumer issues, influences, restrictions of consumer freedom of choice, major consumer expenditures, and resources which are available to consumers as they participate in decision making and consumption are discussed.									
EHS	HCSE	CONS	2900	Special Topics in Human and Consumer Sciences General	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	HCSE	CONS	2900	Special Topics in Human and Consumer Sciences General	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	HCSE	CONS	3100	Human Resources for Customer Service Professions	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500									
		COURSE DESC:		Prepares students to understand human resources in customer service professions and prepare students for their roles in leadership to support best practices in customer service industries.									
EHS	HCSE	CONS	3100	Human Resources for Customer Service Professions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500									
		COURSE DESC:		Prepares students to understand human resources in customer service professions and prepare students for their roles in leadership to support best practices in customer service industries.									
EHS	HCSE	CONS	3250	Principles of Customer Service	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A survey course which highlights the importance of effective customer service in today's society. This course introduces characteristics of customer service in a variety of settings using diverse communication mediums. Ethics, situations and behaviors, financial implications, assessment and evaluation, and trends are introduced.									
EHS	HCSE	CONS	3400	Teaching of Family and Consumer Sciences	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 1100 and EDTE 2000 and 2010 and 2020									
		COURSE DESC:		Family and consumer sciences programs at junior and senior high school level. Special emphasis on career-technical education, curriculum development, evaluation procedures, and methods of teaching.									
EHS	HCSE	CONS	3400	Teaching of Family and Consumer Sciences	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 1100 and EDTE 2000 and 2010 and 2020									
		COURSE DESC:		Family and consumer sciences programs at junior and senior high school level. Special emphasis on career-technical education, curriculum development, evaluation procedures, and methods of teaching.									
EHS	HCSE	CONS	3450J	Writing in Human and Consumer Sciences	LEC	LE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Investigation and analysis of current issues and concerns in the Human and Consumer Sciences profession specific to the student's major. Emphasis will be placed upon developing a variety of writing formats in order to communicate effectively with selected audiences.									
EHS	HCSE	CONS	3890	Career Development for Customer Service Professions	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500									
		COURSE DESC:		Exploration of career opportunities and job responsibilities for customer service professions. Emphasis on identification of personal career goals, self assessment of skills, development of application materials, and job search strategies to maximize effective career growth.									
EHS	HCSE	CONS	3890	Career Development for Customer Service Professions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500									
		COURSE DESC:		Exploration of career opportunities and job responsibilities for customer service professions. Emphasis on identification of personal career goals, self assessment of skills, development of application materials, and job search strategies to maximize effective career growth.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	3950	Consumer Resource and Financial Management	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Investigation and analysis of consumer decision making for resource and financial management.									
EHS	HCSE	CONS	4500	Problems in Teaching Family and Consumer Sciences	LEC	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: PR									
		COURSE DESC:		Creative and conceptual approaches for exploring effective teaching of family and consumer sciences.									
EHS	HCSE	CONS	4500	Problems in Teaching Family and Consumer Sciences	LEC	LE	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: PR									
		COURSE DESC:		Creative and conceptual approaches for exploring effective teaching of family and consumer sciences.									
EHS	HCSE	CONS	4900	Special Topics in Human and Consumer Sciences General	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	4900	Special Topics in Human and Consumer Sciences General	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	4910	Field Work in Consumer Sciences: Career Technical Education	INT	IN	3 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Permission required									
				CR, PR									
		COURSE DESC:		Field work in Career Technical education; students arrange placement.									
EHS	HCSE	CONS	4915	Internship: Customer Service	INT	FE	3 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: CONS 2500 and 3890 and 4953									
				PR									
		COURSE DESC:		On-the-job experience through cooperation with industry in professional customer service environments. Emphasis on development of leadership skills and application of course work leading to professional development.									
EHS	HCSE	CONS	4915	Internship: Customer Service	INT	IN	3 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: CONS 2500 and 3890 and 4953									
				PR									
		COURSE DESC:		On-the-job experience through cooperation with industry in professional customer service environments. Emphasis on development of leadership skills and application of course work leading to professional development.									
EHS	HCSE	CONS	4916	Internship: Food Service	INT	FE	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: PR									
		COURSE DESC:		On-the-job experience in management and supervision of food service operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of food service operations.									
EHS	HCSE	CONS	4916	Internship: Food Service	INT	IN	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: PR									
		COURSE DESC:		On-the-job experience in management and supervision of food service operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of food service operations.									
EHS	HCSE	CONS	4917	Internship: Retailing	INT	FE	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: PR									
		COURSE DESC:		On-the-job experience in management and supervision of retail operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of retail operations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	4917	Internship: Retailing	INT	IN	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		On-the-job experience in management and supervision of retail operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of retail operations.									
EHS	HCSE	CONS	4930	Independent Study - Family and Consumer Sciences	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	CONS	4930	Independent Study - Family and Consumer Sciences	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	CONS	4935	Independent Study - Customer Service	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	CONS	4935	Independent Study - Customer Service	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	CONS	4952	Workshop in Family and Consumer Sciences Education	LEC	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences									
EHS	HCSE	CONS	4952	Workshop in Family and Consumer Sciences Education	LEC	LE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences									
EHS	HCSE	CONS	4953	Workshop in Customer Service	LEC	EL	1 to 3	4		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Content varies.									
EHS	HCSE	CONS	4953	Workshop in Customer Service	LEC	LE	1 to 3	4		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Content varies.									
EHS	HCSE	CONS	4954	Resource and Financial Management	LEC	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop in Resource and Financial Management									
EHS	HCSE	CONS	4954	Resource and Financial Management	LEC	LE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Workshop in Resource and Financial Management									
EHS	HCSE	CONS	4955	Workshop in Family and Consumer Sciences - Family Life Education	LEC	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special workshops on topics related to family life education.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	4955	Workshop in Family and Consumer Sciences - Family Life Education	LEC	LE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special workshops on topics related to family life education.									
EHS	HCSE	CONS	4961	Seminar in Family and Consumer Sciences Education	LEC	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers an opportunity to gain leadership and organizational skills for special projects in Family and Consumer Sciences Education									
EHS	HCSE	CONS	4961	Seminar in Family and Consumer Sciences Education	LEC	LE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Offers an opportunity to gain leadership and organizational skills for special projects in Family and Consumer Sciences Education									
EHS	HCSE	CONS	4965	Human and Consumer Sciences Seminar in International Service	SEM	EL	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Special seminar or workshop for human and consumer sciences majors prepare for and participating in international service.									
EHS	HCSE	CONS	4965	Human and Consumer Sciences Seminar in International Service	SEM	SE	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Special seminar or workshop for human and consumer sciences majors prepare for and participating in international service.									
EHS	HCSE	CONS	4966	Seminar or Short Course in Human and Consumer Sciences - Research	SEM	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced studies of research and recent developments in human and consumer sciences disciplines.									
EHS	HCSE	CONS	4966	Seminar or Short Course in Human and Consumer Sciences - Research	SEM	SE	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced studies of research and recent developments in human and consumer sciences disciplines.									
EHS	HCSE	CONS	5900	Special Topics in Human and Consumer Sciences Education General	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	5900	Special Topics in Human and Consumer Sciences Education General	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	5952	Workshop in Family and Consumer Sciences Education	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences									
EHS	HCSE	CONS	5952	Workshop in Family and Consumer Sciences Education	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	5953	Workshop in Customer Service	LEC	EL	1 to 3	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Content varies.									
EHS	HCSE	CONS	5953	Workshop in Customer Service	LEC	LE	1 to 3	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Content varies.									
EHS	HCSE	CONS	5954	Resource and Financial Management	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Workshop in Resource and Financial Management									
EHS	HCSE	CONS	5954	Resource and Financial Management	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Workshop in Resource and Financial Management									
EHS	HCSE	CONS	5955	Workshop in Family and Consumer Sciences - Family Life Education	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special workshops on topics related to family life education.									
EHS	HCSE	CONS	5955	Workshop in Family and Consumer Sciences - Family Life Education	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special workshops on topics related to family life education.									
EHS	HCSE	CONS	5961	Seminar in Family and Consumer Sciences Education	LEC	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Offers an opportunity to gain leadership and organizational skills for special projects in Family and Consumer Sciences Education									
EHS	HCSE	CONS	5961	Seminar in Family and Consumer Sciences Education	LEC	LE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Offers an opportunity to gain leadership and organizational skills for special projects in Family and Consumer Sciences Education									
EHS	HCSE	CONS	5965	Human and Consumer Sciences Seminar in International Service	SEM	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special seminar or workshop for human and consumer sciences majors prepare for and participating in international service.									
EHS	HCSE	CONS	5965	Human and Consumer Sciences Seminar in International Service	SEM	SE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special seminar or workshop for human and consumer sciences majors prepare for and participating in international service.									
EHS	HCSE	CONS	5966	Seminar or Short Course in Human and Consumer Sciences - Research	SEM	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Advanced studies of research and recent developments in human and consumer sciences disciplines.									
EHS	HCSE	CONS	5966	Seminar or Short Course in Human and Consumer Sciences - Research	SEM	SE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Advanced studies of research and recent developments in human and consumer sciences disciplines.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	CONS	6000	Seminar in Human and Consumer Sciences	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Prepares graduate students to develop research topics and proposals in anticipation of thesis work.									
EHS	HCSE	CONS	6000	Seminar in Human and Consumer Sciences	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Prepares graduate students to develop research topics and proposals in anticipation of thesis work.									
EHS	HCSE	CONS	6500	Consumption Theories	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The purpose is to help students understand the function of theory and examine theoretical components in merchandising. This course helps students to be able to discuss the process of concept and statement development and to explain how these contribute to theory development in Apparel, Textiles and Merchandising (ATM) and hospitality and tourism. Students analyze and critique theories in ATM such as Theory of Fashion Process, Consumer Attitude Theories, Diffusion of Innovations Theory, Fashion Leadership Theory, and hospitality and tourism such as Tourist Motivation Theory, Destination Image Formation Theory, and Customer Loyalty Theory.									
EHS	HCSE	CONS	6900	Special Topics in Human and Consumer Sciences Education General	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	6900	Special Topics in Human and Consumer Sciences Education General	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	CONS	6940	Research	RSC	RS	1 to 5	20		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent investigation in major area of Human and Consumer Sciences.									
EHS	HCSE	CONS	6950	Thesis	THE	TH	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Thesis writing in one specialized area of Human and Consumer Sciences.									
EHS	HCSE	RFPD	1100	Fashion and Culture	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		To consider the factors that influence consumer adoption of fashion. Emphasis will be placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.									
EHS	HCSE	RFPD	1100	Fashion and Culture	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		To consider the factors that influence consumer adoption of fashion. Emphasis will be placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.									
EHS	HCSE	RFPD	1500	Design and Illustration Techniques	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design and illustration techniques in relation to stylization and customer profiling. Variety of media introduced for visually communicating through a variety of presentation formats.									
EHS	HCSE	RFPD	1500	Design and Illustration Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design and illustration techniques in relation to stylization and customer profiling. Variety of media introduced for visually communicating through a variety of presentation formats.									
EHS	HCSE	RFPD	1600	Color Theory for Visual Merchandising	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RFPD major or premajor									
		COURSE DESC:		Focuses on the characteristics, relationships, and theories of color based on major color systems. Emphasis on applications of color for visual merchandising and product development in the fashion industry.									
EHS	HCSE	RFPD	1600	Color Theory for Visual Merchandising	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RFPD major or premajor									
		COURSE DESC:		Focuses on the characteristics, relationships, and theories of color based on major color systems. Emphasis on applications of color for visual merchandising and product development in the fashion industry.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	2010	Introduction to Retailing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Combines theoretical concepts with practical applications from a strategic managerial perspective. Lecture and discussion will provide the primary basis for developing materials in class. Lectures will supplement and expand upon concepts presented in the text. Current events will be explored to provide students with the opportunity to integrate course material with actual business operations within the retail industry.									
EHS	HCSE	RFPD	2150	Elementary Textiles	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr) Properties and processing of fibers, yarns, fabrics, dyes, and finishes, with emphasis on consumer use.									
EHS	HCSE	RFPD	2150	Elementary Textiles	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr) Properties and processing of fibers, yarns, fabrics, dyes, and finishes, with emphasis on consumer use.									
EHS	HCSE	RFPD	2900	Special Topics in Retail Merchandising and Fashion Product Development	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
EHS	HCSE	RFPD	2900	Special Topics in Retail Merchandising and Fashion Product Development	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
EHS	HCSE	RFPD	3400	Retail Study Tour	SEM	SE	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required Students experience the latest trends in the retail and fashion industries through travel opportunities.									
EHS	HCSE	RFPD	3830	Product Development, Evaluation, and Distribution	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 Examination of the evaluation criteria for quality control of apparel and related products.									
EHS	HCSE	RFPD	3890	Professional Career Search Strategies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 In-depth study of career opportunities and job responsibilities in retail merchandising and fashion product development career paths in preparation for future employment. Assessment of personal and professional skills and interests, resume and cover letter development, interviewing skills and professional dispositions are explored.									
EHS	HCSE	RFPD	3910	Work Experience in Retail Merchandising and Fashion Product Development	INT	EL	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: C or better in RFPD 3890 and RFPD major (BS6380) PR Students seek and complete a field work experience in the retail merchandising and fashion product development industry for a total of 80 hours. Projects are related to the learning experience of the individual student. Emphasis is on reflection of the learning experience and its relationship to program goals.									
EHS	HCSE	RFPD	3910	Work Experience in Retail Merchandising and Fashion Product Development	INT	IN	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: C or better in RFPD 3890 and RFPD major (BS6380) PR Students seek and complete a field work experience in the retail merchandising and fashion product development industry for a total of 80 hours. Projects are related to the learning experience of the individual student. Emphasis is on reflection of the learning experience and its relationship to program goals.									
EHS	HCSE	RFPD	3930	Studies in Clothing and Textiles	IND	EL	2 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: PR Research and independent study in a student selected area of clothing and textiles.									
EHS	HCSE	RFPD	3930	Studies in Clothing and Textiles	IND	IS	2 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: PR Research and independent study in a student selected area of clothing and textiles.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	4070	Global Issues in Textile, Apparel, and Retail Industries GEC1: A-F REQUISITE: (ECON 1000 or 1040) and (Tier I composition or concurrent) and C or better in RFPD 2010 and (Jr or Sr) Economic factors influencing retail merchandising and fashion product development industries treated in depth. The influence of international trade and changing technologies are addressed.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4150	Flat Pattern GEC1: A-F REQUISITE: Jr or Sr Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RFPD	4150	Flat Pattern GEC1: A-F REQUISITE: Jr or Sr Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4160	Draping GEC1: A-F REQUISITE: Jr or Sr Designing of apparel using draping techniques. Emphasis on fabric as medium rather than pattern development in design process.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RFPD	4160	Draping GEC1: A-F REQUISITE: Jr or Sr Designing of apparel using draping techniques. Emphasis on fabric as medium rather than pattern development in design process.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4230	Retail Merchandising- Promotional Strategy GEC1: A-F REQUISITE: JOUR 2500 and C or better in RFPD 2010 and (Jr or Sr) Provides overview to understanding the social psychological communication governing the design and organization of both producer and consumer buying and selling space. Emphasis on critical analysis and practical application of the way in which goods, services, and ideas can be promoted within the retail merchandising and fashion product development industry.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4300	Fashion Buying and Assortment Planning GEC1: A-F REQUISITE: MIS 2011 and C or better in RFPD 2010 and (Jr or Sr) Retail merchandising and management principles related to buying and controlling fashion merchandise. Emphasis on store inventory management, profit generation, planning, buying, and controlling merchandise assortments. Retail mathematics problems included. Advanced use of spreadsheets incorporated into course content.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4540	Clothing for Persons with Special Needs GEC1: A-F REQUISITE: Exploring dressing techniques and functional design alternatives for individuals with special needs. Focus given to populations such as elderly, physically, or mentally disabled, and temporarily or permanently disabled.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RFPD	4540	Clothing for Persons with Special Needs GEC1: A-F REQUISITE: Exploring dressing techniques and functional design alternatives for individuals with special needs. Focus given to populations such as elderly, physically, or mentally disabled, and temporarily or permanently disabled.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4800	Strategic Retail Policy GEC1: A-F REQUISITE: RFPD 4910 concurrent Capstone course serves as an intensive personal and professional assessment tool for prospective leaders in the retail merchandising and fashion product development industry. Students apply knowledge forged during internship experiences in policy analysis, with perspective of ethical decision making emphasized.	LEC	LE	3	0	3	N	U30		0
EHS	HCSE	RFPD	4900	Special Topics in Retail Merchandising and Fashion Product Development GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	HCSE	RFPD	4900	Special Topics in Retail Merchandising and Fashion Product Development GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	HCSE	RFPD	4910	Internship: Retail Merchandising and Fashion Product Development GEC2: A-F, REQUISITE: RFPD 3890 and 3910 and 9 hours from (RFPD 3830 or 4070 or 4230 or 4300) and RFPD major and Sr only PR On-the-job experience through cooperation with industry retail merchandising and fashion product development establishments.	INT	EL	12	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	4910	Internship: Retail Merchandising and Fashion Product Development	INT	IN	12	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: RFPD 3890 and 3910 and 9 hours from (RFPD 3830 or 4070 or 4230 or 4300) and RFPD major and Sr only PR									
		COURSE DESC:		On-the-job experience through cooperation with industry retail merchandising and fashion product development establishments.									
EHS	HCSE	RFPD	4930	Independent Study - Retail Merchandising and Fashion Product Development	IND	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	RFPD	4930	Independent Study - Retail Merchandising and Fashion Product Development	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.									
EHS	HCSE	RFPD	5070	Global Issues in Textile, Apparel, and Retail Industries	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Economic factors influencing retail merchandising and fashion product development industries treated in depth. The influence of international trade and changing technologies are addressed.									
EHS	HCSE	RFPD	5150	Flat Pattern	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.									
EHS	HCSE	RFPD	5150	Flat Pattern	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.									
EHS	HCSE	RFPD	5400	Retail Study Tour	SEM	SE	1 to 3	999		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Students experience the latest trends in the retail and fashion industries through travel opportunities.									
EHS	HCSE	RFPD	5540	Clothing for Persons with Special Needs	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Various dressing techniques and functional design alternatives available to increase independence of individuals with special needs. Focus on such populations as the elderly, mentally disabled, and temporarily or permanently physically disabled.									
EHS	HCSE	RFPD	5540	Clothing for Persons with Special Needs	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Various dressing techniques and functional design alternatives available to increase independence of individuals with special needs. Focus on such populations as the elderly, mentally disabled, and temporarily or permanently physically disabled.									
EHS	HCSE	RFPD	5900	Special Topics in Retail Merchandising and Fashion Product Development	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	RFPD	5900	Special Topics in Retail Merchandising and Fashion Product Development	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	RFPD	5940	Studies in Textile Testing	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Individual research and lab testing of problems in advanced textiles.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	6050	History of Costume ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: Clothing through the ages as reflection of historical period and source for present-day design.									
EHS	HCSE	RFPD	6050	History of Costume ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: Clothing through the ages as reflection of historical period and source for present-day design.									
EHS	HCSE	RFPD	6060	History of Textiles ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1	0		N	G40		0
				GEC1: A-F REQUISITE: Course description not available.									
EHS	HCSE	RFPD	6060	History of Textiles ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1	0		N	G40		0
				GEC1: A-F REQUISITE: Course description not available.									
EHS	HCSE	RFPD	6090	Psychological, Social, and Economic Aspects of Clothing ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: Contemporary uses and roles of textiles and clothing as affected by economic, social, and psychological forces seen in historic perspective.									
EHS	HCSE	RFPD	6090	Psychological, Social, and Economic Aspects of Clothing ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: Contemporary uses and roles of textiles and clothing as affected by economic, social, and psychological forces seen in historic perspective.									
EHS	HCSE	RFPD	6170	Readings in Apparel, Textiles and Merchandising ELIGIBLE GRADES: COURSE DESC:	SEM	EL	1 to 4	4		N	G40		0
				GEC2: A-F, PR REQUISITE: Analysis and interpretation of current writings and research with emphasis on new developments and trends.									
EHS	HCSE	RFPD	6170	Readings in Apparel, Textiles and Merchandising ELIGIBLE GRADES: COURSE DESC:	SEM	SE	1 to 4	4		N	G40		0
				GEC2: A-F, PR REQUISITE: Analysis and interpretation of current writings and research with emphasis on new developments and trends.									
EHS	HCSE	RFPD	6500	Theories in Merchandising and Consumer Sciences ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: The purpose is to help students understand the function of theory and examine theoretical components in merchandising. Helps students to be able to discuss the process of concept and statement development and to explain how these contribute to theory development in Apparel, Textiles and Merchandising (ATM). Students will analyze and critique theories in merchandising such as Theory of Fashion Process, Consumer Attitude Theories, Diffusion of Innovations Theory and Fashion Leadership Theory.									
EHS	HCSE	RFPD	6500	Theories in Merchandising and Consumer Sciences ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: The purpose is to help students understand the function of theory and examine theoretical components in merchandising. Helps students to be able to discuss the process of concept and statement development and to explain how these contribute to theory development in Apparel, Textiles and Merchandising (ATM). Students will analyze and critique theories in merchandising such as Theory of Fashion Process, Consumer Attitude Theories, Diffusion of Innovations Theory and Fashion Leadership Theory.									
EHS	HCSE	RFPD	6900	Special Topics in Retail Merchandising and Fashion Product Development ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
EHS	HCSE	RFPD	6900	Special Topics in Retail Merchandising and Fashion Product Development ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
EHS	HCSE	RHT	1050	Introduction to Food Operations Management ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1	0		I	U10		0
				GEC1: A-F REQUISITE: Permission required Overview of basic management concepts as they relate to the successful operation of a food service.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RHT	1050	Introduction to Food Operations Management	LEC	LE	1	0		I	U10		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Overview of basic management concepts as they relate to the successful operation of a food service.									
EHS	HCSE	RHT	1100	Introduction to Hospitality	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Fr or Soph									
				COURSE DESC: Overview of restaurants, institutional food service, hotels, and travel and tourism. Exploration of different career possibilities in the hospitality industry.									
EHS	HCSE	RHT	1100	Introduction to Hospitality	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Fr or Soph									
				COURSE DESC: Overview of restaurants, institutional food service, hotels, and travel and tourism. Exploration of different career possibilities in the hospitality industry.									
EHS	HCSE	RHT	1200	Food and Culture	LEC	EL	3	0	2CP	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Investigate what and how people eat and explore how geography and history have shaped the food patterns and cultures of countries and regions throughout the world.									
EHS	HCSE	RHT	1200	Food and Culture	LEC	LE	3	0	2CP	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Investigate what and how people eat and explore how geography and history have shaped the food patterns and cultures of countries and regions throughout the world.									
EHS	HCSE	RHT	1330	Food Sanitation and Safety	LEC	EL	1	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Hazard Analysis Critical Control Points (HACCP) covered. Upon completion, students eligible for national and Ohio certification in Food Safety.									
EHS	HCSE	RHT	1330	Food Sanitation and Safety	LEC	LE	1	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Hazard Analysis Critical Control Points (HACCP) covered. Upon completion, students eligible for national and Ohio certification in Food Safety.									
EHS	HCSE	RHT	2900	Special Topics in Restaurant, Hotel and Tourism	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	2900	Special Topics in Restaurant, Hotel and Tourism	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	2990	Introductory Food Preparation	LAB	LB	4	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required and C or better in RHT 1330 CR									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	2990	Introductory Food Preparation	LEC	EL	4	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required and C or better in RHT 1330 CR									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	2990	Introductory Food Preparation	LEC	LE	4	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required and C or better in RHT 1330 CR									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	3340	Introduction Food Production: Hospitality	LAB	LB	3	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required and C or better in RHT 2990 and (NUTR 3330 or concurrent)									
				COURSE DESC: Applications of the principles of quantity food production. Experience in commercial kitchens; central foods facility utilizing a high-tech cook-chill system, bakery and vegetable preparation, commercial foods retail outlet with six different concepts. Apply food safety and sanitation principles by participating in the HACCP plan. Use of standardized recipes.									
EHS	HCSE	RHT	3350	Food Service Purchasing	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in RHT 2990									
				COURSE DESC: Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis placed on purchasing the optimal amount and quality at the optimal price.									

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EHS	HCSE	RHT	3350	Food Service Purchasing	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: C or better in RHT 2990									
				Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis placed on purchasing the optimal amount and quality at the optimal price.									
EHS	HCSE	RHT	3400	Hospitality Study Tour	SEM	SE	1 to 3	3		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Permission required									
				Exposure to the latest trends, foods, and equipment in the hospitality industry.									
EHS	HCSE	RHT	3410	Principles of Tourism	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Soph or Jr or Sr									
				Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.									
EHS	HCSE	RHT	3410	Principles of Tourism	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Soph or Jr or Sr									
				Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.									
EHS	HCSE	RHT	3600	Catering for the Hospitality Industry	LAB	LB	3	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F,									
				COURSE DESC: REQUISITE: Permission required and RHT 3340									
				CR									
				Course description not available.									
EHS	HCSE	RHT	3600	Catering for the Hospitality Industry	LEC	EL	3	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F,									
				COURSE DESC: REQUISITE: Permission required and RHT 3340									
				CR									
				Course description not available.									
EHS	HCSE	RHT	3600	Catering for the Hospitality Industry	LEC	LE	3	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F,									
				COURSE DESC: REQUISITE: Permission required and RHT 3340									
				CR									
				Course description not available.									
EHS	HCSE	RHT	3610	Hotel Operations	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300									
				Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management									
EHS	HCSE	RHT	3610	Hotel Operations	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300									
				Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management									
EHS	HCSE	RHT	3620	Convention and Event Planning	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 and WARNING: not COMS 4050									
				Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	3620	Convention and Event Planning	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 and WARNING: not COMS 4050									
				Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	3620	Convention and Event Planning	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 and WARNING: not COMS 4050									
				Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	3700	Introduction to Casino Management	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MATH 1200 and RHT 1100 and (Jr or Sr)									
				An overview of the Casino Operations and Management, including: history of gaming, uses of cash flows within destination and repeater-market casino properties; casino organizational structure and job duties; gaming regulatory structure; slot operations; protocol of the following games: baccarat, twenty-one, craps, roulette, three-card poker, and fan tan. Also featured are the applications of casino marketing.									
EHS	HCSE	RHT	3700	Introduction to Casino Management	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MATH 1200 and RHT 1100 and (Jr or Sr)									
				An overview of the Casino Operations and Management, including: history of gaming, uses of cash flows within destination and repeater-market casino properties; casino organizational structure and job duties; gaming regulatory structure; slot operations; protocol of the following games: baccarat, twenty-one, craps, roulette, three-card poker, and fan tan. Also featured are the applications of casino marketing.									

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EHS	HCSE	RHT	3910	Hospitality Field Experience	INT	FE	1	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required and C or better in NUTR 3300									
				COURSE DESC: Professional experience in restaurants, hotels, or other hospitality establishments under the supervision of an experienced industry supervisor.									
EHS	HCSE	RHT	3910	Hospitality Field Experience	INT	IN	1	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required and C or better in NUTR 3300									
				COURSE DESC: Professional experience in restaurants, hotels, or other hospitality establishments under the supervision of an experienced industry supervisor.									
EHS	HCSE	RHT	4000	Hospitality Senior Seminar	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 4920 concurrent									
				COURSE DESC: Development of portfolios and case study reviews provide an opportunity for hospitality students to demonstrate personal and professional growth through reflection and career assessment.									
EHS	HCSE	RHT	4000	Hospitality Senior Seminar	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 4920 concurrent									
				COURSE DESC: Development of portfolios and case study reviews provide an opportunity for hospitality students to demonstrate personal and professional growth through reflection and career assessment.									
EHS	HCSE	RHT	4390	Restaurant Operations	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent									
				COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4390	Restaurant Operations	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent									
				COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4390	Restaurant Operations	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent									
				COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4400	Beverage Management	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in RHT 4420 or concurrent									
				COURSE DESC: Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	4400	Beverage Management	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in RHT 4420 or concurrent									
				COURSE DESC: Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	4420	Accounting for Hospitality Operations	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in ACCT 1010									
				COURSE DESC: Examination and application of managerial and financial accounting principles for the hospitality operations.									
EHS	HCSE	RHT	4430	Marketing for Hospitality and Tourism	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: MKT 2020 and NUTR 3300									
				COURSE DESC: Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	4430	Marketing for Hospitality and Tourism	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: MKT 2020 and NUTR 3300									
				COURSE DESC: Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	4700	Casino Management II	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 3700									
				COURSE DESC: An expansion of the materials covered in Casino Management I, including Nevada & Ohio Gaming Regulation, Cage operations, Advanced Slot Operations, Three Card Poker, & Fan Tan, Race & Sports Book Operations and Casino Marketing.									
EHS	HCSE	RHT	4700	Casino Management II	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 3700									
				COURSE DESC: An expansion of the materials covered in Casino Management I, including Nevada & Ohio Gaming Regulation, Cage operations, Advanced Slot Operations, Three Card Poker, & Fan Tan, Race & Sports Book Operations and Casino Marketing.									
EHS	HCSE	RHT	4750	Casino Marketing Operations	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 3700									
				COURSE DESC: Common and popular casino marketing tactics are examined, followed by an overview of slot club structures and related database marketing activities. Match-play coupons, dead chip (a.k.a. rolling programs), and loss discounting are all closely examined. Casino hosting, the role of non-gaming amenities, and repeater-market gaming promotions are also covered.									
EHS	HCSE	RHT	4750	Casino Marketing Operations	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 3700									
				COURSE DESC: Common and popular casino marketing tactics are examined, followed by an overview of slot club structures and related database marketing activities. Match-play coupons, dead chip (a.k.a. rolling programs), and loss discounting are all closely examined. Casino hosting, the role of non-gaming amenities, and repeater-market gaming promotions are also covered.									

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EHS	HCSE	RHT	4900	Special Topics in Restaurant, Hotel and Tourism	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	4900	Special Topics in Restaurant, Hotel and Tourism	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	4920	Hospitality Practicum	PRA	EL	12	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required and C or better in RHT 3910									
				COURSE DESC: Food service experience at a food service establishment under the supervision of an experienced professional.									
EHS	HCSE	RHT	4920	Hospitality Practicum	PRA	PR	12	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required and C or better in RHT 3910									
				COURSE DESC: Food service experience at a food service establishment under the supervision of an experienced professional.									
EHS	HCSE	RHT	4930	Independent Study in Hospitality	IND	EL	2 to 5	6		I	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required									
				COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.									
EHS	HCSE	RHT	4930	Independent Study in Hospitality	IND	IS	2 to 5	6		I	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required									
				COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.									
EHS	HCSE	RHT	5330	Food Sanitation and Safety	LEC	EL	1	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Upon completion, students will be eligible for National Certification in Food Safety									
EHS	HCSE	RHT	5330	Food Sanitation and Safety	LEC	LE	1	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Upon completion, students will be eligible for National Certification in Food Safety									
EHS	HCSE	RHT	5340	Introduction Food Production: Hospitality	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Applications of the principles of quantity food production. Experience in commercial kitchens; central foods facility utilizing a high-tech cook-chill system, bakery and vegetable preparation, commercial foods retail outlet with six different concepts. Apply food safety and sanitation principles by participating in the HACCP plan. Use of standardized recipes.									
EHS	HCSE	RHT	5350	Food Service Purchasing	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: RHT 5330									
				COURSE DESC: Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis on purchasing the optimal amount at the optimal price.									
EHS	HCSE	RHT	5350	Food Service Purchasing	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: RHT 5330									
				COURSE DESC: Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis on purchasing the optimal amount at the optimal price.									
EHS	HCSE	RHT	5370	Food Service Systems I	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: RHT 5330									
				COURSE DESC: Introduction to tools and functions of management in food service with emphasis on organizational structure, catering, staffing, work methods, human relations skills, sanitation, and safety									
EHS	HCSE	RHT	5370	Food Service Systems I	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: RHT 5330									
				COURSE DESC: Introduction to tools and functions of management in food service with emphasis on organizational structure, catering, staffing, work methods, human relations skills, sanitation, and safety									

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EHS	HCSE	RHT	5380	Food Service Systems II	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: RHT 5370 and permission required									
		COURSE DESC:		CR Institutional food purchasing, kitchen layout design, equipment selection, facilities management, and cost control.									
EHS	HCSE	RHT	5380	Food Service Systems II	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: RHT 5370 and permission required									
		COURSE DESC:		CR Institutional food purchasing, kitchen layout design, equipment selection, facilities management, and cost control.									
EHS	HCSE	RHT	5390	Restaurant Operations	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RHT 5330									
		COURSE DESC:		Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5390	Restaurant Operations	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RHT 5330									
		COURSE DESC:		Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5390	Restaurant Operations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RHT 5330									
		COURSE DESC:		Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5400	Hospitality Study Tour	SEM	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exposure to the latest trends, foods, and equipment in the hospitality industry.									
EHS	HCSE	RHT	5400	Hospitality Study Tour	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exposure to the latest trends, foods, and equipment in the hospitality industry.									
EHS	HCSE	RHT	5410	Principles of Tourism	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.									
EHS	HCSE	RHT	5410	Principles of Tourism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.									
EHS	HCSE	RHT	5420	Accounting for Hospitality Operations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination and application of managerial and financial accounting principles for the hospitality operations.									
EHS	HCSE	RHT	5430	Marketing for Hospitality and Tourism	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	5430	Marketing for Hospitality and Tourism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	5440	Beverage Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	5440	Beverage Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	5610	Hotel Operations	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management									
EHS	HCSE	RHT	5610	Hotel Operations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RHT	5620	Convention and Event Planning	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	5620	Convention and Event Planning	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	5620	Convention and Event Planning	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	5900	Special Topics in Restaurant, Hotel and Tourism	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	5900	Special Topics in Restaurant, Hotel and Tourism	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	5930	Independent Study in Hospitality	IND	EL	2 to 4	8		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.									
EHS	HCSE	RHT	5930	Independent Study in Hospitality	IND	IS	2 to 4	8		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.									
EHS	HCSE	RHT	6090	Strategic Management for Hospitality and Tourism	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: The course examines the total enterprise, the industry, and the competitive environment in which the enterprise and industry operate. Students develop a mastery of the analytical tools to perform analyses of the industry and competitions. The course focuses on how hospitality and tourism firms formulate, implement, and evaluate strategies. Using a case-based approach, the course emphasizes becoming an effective industry leader through critical thinking and decision making to maintain an enterprise's competitive advantage in a hyper-competitive and maturing industry									
EHS	HCSE	RHT	6900	Special Topics in Restaurant, Hotel and Tourism	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	6900	Special Topics in Restaurant, Hotel and Tourism	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	HCSE	RHT	6940	Research in Hospitality	RSC	RS	2 to 4	5		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR									
				COURSE DESC: Independent investigation in hospitality.									
EHS	HCSE	T3	4720	Clothing and Culture	LEC	EL	3	0	3	N	U30	CORRESPOND	0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources and activities relating to cultural/subcultural patterns.									
EHS	HCSE	T3	4720	Clothing and Culture	LEC	LE	3	0	3	N	U30	CORRESPOND	0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources and activities relating to cultural/subcultural patterns.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	T3	4722	Food and Culture of the Mediterranean	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	One course in (ANTH or GEOG or SOC) and Sr only						
		COURSE DESC:		Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.									
EHS	HCSE	T3	4722	Food and Culture of the Mediterranean	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	One course in (ANTH or GEOG or SOC) and Sr only						
		COURSE DESC:		Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.									
EHS	HCSE	T3	4725	Women and Leadership: Roles and Responsibilities	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	(PSY 1010 or SOC 1000) and Sr only						
				PR									
		COURSE DESC:		Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills are integrated.									
EHS	HCSE	T3	4725	Women and Leadership: Roles and Responsibilities	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	(PSY 1010 or SOC 1000) and Sr only						
				PR									
		COURSE DESC:		Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills are integrated.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	2120	Introduction to Coaching	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Presents an overview of the multiple components (i.e., NASPE's eight coaching domains) involved in coaching individual athletes and athletic teams. Designed for those interested in coaching at the youth, interscholastic, or intercollegiate levels. Focuses on both theory and practical application, and any sport coaching interest is accommodated.									
EHS	RSP	COED	2120	Introduction to Coaching	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Presents an overview of the multiple components (i.e., NASPE's eight coaching domains) involved in coaching individual athletes and athletic teams. Designed for those interested in coaching at the youth, interscholastic, or intercollegiate levels. Focuses on both theory and practical application, and any sport coaching interest is accommodated.									
EHS	RSP	COED	2130	Youth and Sports	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Covers opportunities, controversies, organizations, safety, values, rules, leadership, benefits, and settings of youth sports programs.									
EHS	RSP	COED	2130	Youth and Sports	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Covers opportunities, controversies, organizations, safety, values, rules, leadership, benefits, and settings of youth sports programs.									
EHS	RSP	COED	2510	Techniques and Tactics of Golf	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Increases golf skill of students majoring in sport sciences.									
EHS	RSP	COED	2512	Techniques and Tactics of Tennis	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with playing tennis.									
EHS	RSP	COED	2513	Techniques and Tactics of Track and Field	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with track and field.									
EHS	RSP	COED	2514	Techniques and Tactics of Wrestling	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with wrestling.									
EHS	RSP	COED	2515	Techniques and Tactics of Strength and Conditioning	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning the techniques of strength and conditioning.									
EHS	RSP	COED	2610	Techniques and Tactics of Baseball	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics with baseball.									
EHS	RSP	COED	2611	Techniques and Tactics of Basketball	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with basketball.									
EHS	RSP	COED	2612	Techniques and Tactics of Field Hockey	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with field hockey.									
EHS	RSP	COED	2613	Techniques and Tactics of Football	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with football.									
EHS	RSP	COED	2614	Techniques and Tactics of Ice Hockey	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with ice hockey.									
EHS	RSP	COED	2615	Techniques and Tactics of Lacrosse	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with lacrosse.									
EHS	RSP	COED	2616	Techniques and Tactics of Soccer	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with soccer.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	2617	Techniques and Tactics of Softball	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics of softball.									
EHS	RSP	COED	2618	Techniques and Tactics of Volleyball	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Involves students in learning techniques and tactics associated with volleyball.									
EHS	RSP	COED	2900	Special Topics in Coaching Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	COED	2900	Special Topics in Coaching Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	COED	2920	Practicum in Coaching	PRA	PR	1 to 4	6		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Supervised work experience in various aspects of coaching intercollegiate, interscholastic athletics or youth sports.									
EHS	RSP	COED	3120	Analysis of Current Research in Athletic Coaching	SEM	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 2120									
		COURSE DESC:		PR Special emphasis on research in sports as it pertains to athletic coaches.									
EHS	RSP	COED	3120	Analysis of Current Research in Athletic Coaching	SEM	SE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 2120									
		COURSE DESC:		PR Special emphasis on research in sports as it pertains to athletic coaches.									
EHS	RSP	COED	3130	Human Dynamics in Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Designed to provide students with an understanding of how an individual, such as an athletic coach, can enhance the skill acquisition and performance of their athletes. Students will develop a general knowledge base in the science of sport psychology. The application of theory towards practice for a variety of coaching and sport situations will unravel during case studies and small group activities.									
EHS	RSP	COED	3210	Coaching Golf	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of golf along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a golf coach.									
EHS	RSP	COED	3210	Coaching Golf	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of golf along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a golf coach.									
EHS	RSP	COED	3210	Coaching Golf	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of golf along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a golf coach.									
EHS	RSP	COED	3211	Coaching Tennis	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of tennis along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a tennis coach.									
EHS	RSP	COED	3211	Coaching Tennis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of tennis along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a tennis coach.									
EHS	RSP	COED	3211	Coaching Tennis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of tennis along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a tennis coach.									
EHS	RSP	COED	3212	Coaching Track and Field	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of track and field along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a track and field coach.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	3212	Coaching Track and Field	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of track and field along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a track and field coach.									
EHS	RSP	COED	3212	Coaching Track and Field	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of track and field along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a track and field coach.									
EHS	RSP	COED	3213	Coaching Wrestling	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of wrestling along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a wrestling coach									
EHS	RSP	COED	3213	Coaching Wrestling	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of wrestling along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a wrestling coach									
EHS	RSP	COED	3213	Coaching Wrestling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of wrestling along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a wrestling coach									
EHS	RSP	COED	3214	Coaching Strength and Conditioning	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical, safety, and ergogenic aspects of strength and conditioning programs along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a strength and conditioning coach.									
EHS	RSP	COED	3214	Coaching Strength and Conditioning	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical, safety, and ergogenic aspects of strength and conditioning programs along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a strength and conditioning coach.									
EHS	RSP	COED	3214	Coaching Strength and Conditioning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical, safety, and ergogenic aspects of strength and conditioning programs along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a strength and conditioning coach.									
EHS	RSP	COED	3310	Coaching Baseball	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of baseball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a baseball coach.									
EHS	RSP	COED	3310	Coaching Baseball	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of baseball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a baseball coach.									
EHS	RSP	COED	3310	Coaching Baseball	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of baseball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a baseball coach.									
EHS	RSP	COED	3311	Coaching Basketball	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of basketball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a basketball coach.									
EHS	RSP	COED	3311	Coaching Basketball	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of basketball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a basketball coach.									
EHS	RSP	COED	3311	Coaching Basketball	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of basketball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a basketball coach.									
EHS	RSP	COED	3312	Coaching Field Hockey	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of field hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a field hockey coach.									
EHS	RSP	COED	3312	Coaching Field Hockey	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Technical and tactical aspects of field hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a field hockey coach.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	3312	Coaching Field Hockey	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of field hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a field hockey coach.									
EHS	RSP	COED	3313	Coaching Football	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of football along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a football coach.									
EHS	RSP	COED	3313	Coaching Football	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of football along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a football coach.									
EHS	RSP	COED	3313	Coaching Football	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of football along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a football coach.									
EHS	RSP	COED	3314	Coaching Ice Hockey	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of ice hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of an ice hockey coach.									
EHS	RSP	COED	3314	Coaching Ice Hockey	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of ice hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of an ice hockey coach.									
EHS	RSP	COED	3314	Coaching Ice Hockey	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of ice hockey along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of an ice hockey coach.									
EHS	RSP	COED	3315	Coaching Lacrosse	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of lacrosse along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a lacrosse coach.									
EHS	RSP	COED	3315	Coaching Lacrosse	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of lacrosse along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a lacrosse coach.									
EHS	RSP	COED	3315	Coaching Lacrosse	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of lacrosse along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a lacrosse coach.									
EHS	RSP	COED	3316	Coaching Soccer	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of soccer along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a soccer coach.									
EHS	RSP	COED	3316	Coaching Soccer	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of soccer along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a soccer coach.									
EHS	RSP	COED	3317	Coaching Softball	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of softball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a softball coach.									
EHS	RSP	COED	3317	Coaching Softball	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of softball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a softball coach.									
EHS	RSP	COED	3317	Coaching Softball	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of softball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a softball coach.									
EHS	RSP	COED	3318	Coaching Volleyball	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of volleyball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a volleyball coach.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	3318	Coaching Volleyball	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of volleyball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a volleyball coach.									
EHS	RSP	COED	3318	Coaching Volleyball	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120									
				Technical and tactical aspects of volleyball along with methods of coaching, analysis of skills, strategies, team management, and the responsibilities of a volleyball coach.									
EHS	RSP	COED	3403	Athletic Officiating--Track and Field	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures associated with officiating. Practical officiating experience with Intramural Sports Program.									
EHS	RSP	COED	3403	Athletic Officiating--Track and Field	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures associated with officiating. Practical officiating experience with Intramural Sports Program.									
EHS	RSP	COED	3403	Athletic Officiating--Track and Field	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures associated with officiating. Practical officiating experience with Intramural Sports Program.									
EHS	RSP	COED	3410	Athletic Officiating--Baseball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3410	Athletic Officiating--Baseball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3411	Athletic Officiating--Basketball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3411	Athletic Officiating--Basketball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3413	Athletic Officiating--Football	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3413	Athletic Officiating--Football	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3416	Athletic Officiating--Soccer	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3416	Athletic Officiating--Soccer	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3416	Athletic Officiating--Soccer	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3416	Athletic Officiating--Soccer	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3417	Athletic Officiating--Softball	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									

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EHS	RSP	COED	3417	Athletic Officiating--Softball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3417	Athletic Officiating--Softball	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3417	Athletic Officiating--Softball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									
EHS	RSP	COED	3418	Athletic Officiating-- Volleyball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Students will learn how to officiate volleyball matches.									
EHS	RSP	COED	3418	Athletic Officiating-- Volleyball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Students will learn how to officiate volleyball matches.									
EHS	RSP	COED	3510	Coaching of Golf	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2510 Theory of coaching golf; analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3510	Coaching of Golf	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2510 Theory of coaching golf; analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3512	Coaching of Tennis	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2512 Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3512	Coaching of Tennis	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2512 Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3512	Coaching of Tennis	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2512 Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3512	Coaching of Tennis	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2512 Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3513	Coaching of Track and Field	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2513 Theory of coaching track: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3513	Coaching of Track and Field	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2513 Theory of coaching track: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3514	Coaching of Wrestling	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2514 Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3514	Coaching of Wrestling	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2514 Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3514	Coaching of Wrestling	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2514 Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3514	Coaching of Wrestling	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COED 2120 and 2514 Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	3515	Coaching of Strength and Conditioning	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2515				
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	COED	3515	Coaching of Strength and Conditioning	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2515				
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	COED	3515	Coaching of Strength and Conditioning	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2515				
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	COED	3610	Coaching of Baseball	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2610				
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3610	Coaching of Baseball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2610				
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3610	Coaching of Baseball	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2610				
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3610	Coaching of Baseball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2610				
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3611	Coaching of Basketball	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2611				
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3611	Coaching of Basketball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2611				
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3611	Coaching of Basketball	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2611				
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3611	Coaching of Basketball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2611				
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3612	Coaching of Field Hockey	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2612				
		COURSE DESC:		Theory of coaching field hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3612	Coaching of Field Hockey	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2612				
		COURSE DESC:		Theory of coaching field hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3613	Coaching of Football	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2613				
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3613	Coaching of Football	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2613				
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3613	Coaching of Football	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2613				
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3613	Coaching of Football	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: COED 2120 and 2613				
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									

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EHS	RSP	COED	3614	Coaching of Ice Hockey	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2614							
		COURSE DESC:		Theory of coaching ice hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3614	Coaching of Ice Hockey	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2614							
		COURSE DESC:		Theory of coaching ice hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3615	Coaching of Lacrosse	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2615							
		COURSE DESC:		Theory of coaching lacrosse: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3615	Coaching of Lacrosse	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2615							
		COURSE DESC:		Theory of coaching lacrosse: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3616	Coaching of Soccer	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3616	Coaching of Soccer	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3616	Coaching of Soccer	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3617	Coaching of Softball	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3617	Coaching of Softball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3617	Coaching of Softball	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3617	Coaching of Softball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3618	Coaching of Volleyball	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3618	Coaching of Volleyball	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3618	Coaching of Volleyball	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	3618	Coaching of Volleyball	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	COED	4180	Special Topics Seminars	SEM	EL	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		Special courses and workshops responding to specialized needs and interests; content and credit hours will vary. Usually offered as supervised practice/instructional experience in organizing and teaching activities in school.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	4180	Special Topics Seminars	SEM	SE	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Special courses and workshops responding to specialized needs and interests; content and credit hours will vary. Usually offered as supervised practice/instructional experience in organizing and teaching activities in school.									
EHS	RSP	COED	4210	The Olympic Movement	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympian in relation to contemporary summer and winter Olympiads explored.									
EHS	RSP	COED	4212	Coaching the Elite Athlete	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Focuses on how elite athletes develop and maintain their athletic prowess.									
EHS	RSP	COED	4213	Dynamics of Skill Acquisition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120									
		COURSE DESC:		Incorporates the theories behind skill acquisition and an explanation of the differences between deliberate practice and play. Motor learning, control, and development will also be a central focus.									
EHS	RSP	COED	4900	Special Topics in Coaching Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	4900	Special Topics in Coaching Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	4901	Coaching Symposium	SEM	SE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Responding to specialized needs and interests; content and credit hours will vary.									
EHS	RSP	COED	4911	Instructional Experience	LAB	LB	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Supervised practice/instructional experience in organizing and teaching activities related to coaching sport.									
EHS	RSP	COED	4920	Practicum in Coaching	PRA	PR	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required and COED 2120									
		COURSE DESC:		PR, F Supervised field experience designed to involve student in the athletic coaching setting.									
EHS	RSP	COED	4930	Independent Study	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and COED 2120									
		COURSE DESC:		Study and/or research in selected fields related to coaching.									
EHS	RSP	COED	5210	The Olympic Movement	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympism in relation to contemporary summer and winter Olympiads explored.									
EHS	RSP	COED	5210	The Olympic Movement	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympism in relation to contemporary summer and winter Olympiads explored.									
EHS	RSP	COED	5212	Coaching the Elite Athlete	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on how elite athletes develop and maintain their athletic prowess.									
EHS	RSP	COED	5213	Dynamics of Skill Acquisition	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Incorporates the theories behind skill acquisition and an explanation of the differences between deliberate practice and play. Motor learning, control, and development will also be a central focus.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	5300	Readings in Coaching Education	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Readings and discussion in coaching education. Topics include youth, interscholastic, intercollegiate, Olympic, and professional sport; psychological and sociological issues, coaching education; gender issues; performance and conditioning; and future trends in coaching.									
EHS	RSP	COED	5300	Readings in Coaching Education	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Readings and discussion in coaching education. Topics include youth, interscholastic, intercollegiate, Olympic, and professional sport; psychological and sociological issues, coaching education; gender issues; performance and conditioning; and future trends in coaching.									
EHS	RSP	COED	5305	Contemporary Issues in Athletic Coaching	SEM	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Selected issues in athletic coaching are discussed and examined.									
EHS	RSP	COED	5305	Contemporary Issues in Athletic Coaching	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Selected issues in athletic coaching are discussed and examined.									
EHS	RSP	COED	5900	Special Topics in Coaching Education	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	5900	Special Topics in Coaching Education	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	5901	Coaching Symposium	SEM	EL	1 to 10	20		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Designed to provide flexibility in curriculum for current students to benefit from experts in the area and/or create learning opportunities for possible certificate programs.									
EHS	RSP	COED	5901	Coaching Symposium	SEM	SE	1 to 10	20		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Designed to provide flexibility in curriculum for current students to benefit from experts in the area and/or create learning opportunities for possible certificate programs.									
EHS	RSP	COED	5911	Instructional Experience	LAB	LB	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Supervised practice/instructional experience in organizing and teaching activities related to coaching sport.									
EHS	RSP	COED	6100	Coaching Workshop I	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the nature of coaching as a profession and acclimates students to the Coaching Education program. Focuses on the National Standards for Sport Coaches. These standards, originally developed in 1995 and updated in 2006, provide direction for coaching educators, sport administrators, coaches, athletes and their families, and the public regarding the skills and knowledge that coaches should possess.									
EHS	RSP	COED	6100	Coaching Workshop I	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the nature of coaching as a profession and acclimates students to the Coaching Education program. Focuses on the National Standards for Sport Coaches. These standards, originally developed in 1995 and updated in 2006, provide direction for coaching educators, sport administrators, coaches, athletes and their families, and the public regarding the skills and knowledge that coaches should possess.									
EHS	RSP	COED	6101	Coaching Workshop II	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6100 or PESS 518K									
		COURSE DESC:		PR Provides students with the opportunity to attend a major coaching conference or convention (e.g., NSCAA coaches convention, NCAA Final 4, NFL combine) to learn more about their sport or how to work with elite athletes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6101	Coaching Workshop II	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6100 or PESS 518K									
		COURSE DESC:		Provides students with the opportunity to attend a major coaching conference or convention (e.g., NSCAA coaches convention, NCAA Final 4, NFL combine) to learn more about their sport or how to work with elite athletes.									
EHS	RSP	COED	6110	Foundations of Coaching I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaches and methods of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 1 (Philosophy and Ethics) and Domain 4 (Growth and Development) of the National Standards for Sports Coaches (NSSC).									
EHS	RSP	COED	6110	Foundations of Coaching I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaches and methods of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 1 (Philosophy and Ethics) and Domain 4 (Growth and Development) of the National Standards for Sports Coaches (NSSC).									
EHS	RSP	COED	6115	Foundations of Coaching II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 5 (Teaching and Communication) and Domain 6 (Sport Skills and Tactics) of the National Standards for Sport Coaches (NSSC).									
EHS	RSP	COED	6115	Foundations of Coaching II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 5 (Teaching and Communication) and Domain 6 (Sport Skills and Tactics) of the National Standards for Sport Coaches (NSSC).									
EHS	RSP	COED	6120	Management and Leadership in Sport	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Contemporary theories related to management and leadership in sport are examined, and their applications to sport are addressed.									
EHS	RSP	COED	6120	Management and Leadership in Sport	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Contemporary theories related to management and leadership in sport are examined, and their applications to sport are addressed.									
EHS	RSP	COED	6130	Finance for Sport Coaches	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Designed to explore the coaches' financial responsibilities, especially those related to fundraising, facilities, and equipment. The purpose of this course is to better equip developing sport coaches in handling the finances of their programs. Coaches at most level are required to fund-raise, manage, or develop facilities, and care for equipment. This course is a reflection of Domain 7 (Organization and Administration) from the National Standards for Sport Coaches (NASPE, 2006).									
EHS	RSP	COED	6130	Finance for Sport Coaches	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Designed to explore the coaches' financial responsibilities, especially those related to fundraising, facilities, and equipment. The purpose of this course is to better equip developing sport coaches in handling the finances of their programs. Coaches at most level are required to fund-raise, manage, or develop facilities, and care for equipment. This course is a reflection of Domain 7 (Organization and Administration) from the National Standards for Sport Coaches (NASPE, 2006).									
EHS	RSP	COED	6140	Psychology of Coaching	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of psychological factors and principles designed to assist coaches in their ability to describe, explain, and predict attitudes, feelings, and behaviors of sports participants.									
EHS	RSP	COED	6140	Psychology of Coaching	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis of psychological factors and principles designed to assist coaches in their ability to describe, explain, and predict attitudes, feelings, and behaviors of sports participants.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6150	Injury Prevention & Risk Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Designed to explore the coach's responsibility towards athlete safety that includes understanding the risk of injury, working with a sports medicine team and addressing facility, equipment and environmental concerns. Additionally, students will examine the potential sources of legal challenges and draw implications for best practices through case study, discussions, and current information designed to provide a high standard of care.									
EHS	RSP	COED	6150	Injury Prevention & Risk Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Designed to explore the coach's responsibility towards athlete safety that includes understanding the risk of injury, working with a sports medicine team and addressing facility, equipment and environmental concerns. Additionally, students will examine the potential sources of legal challenges and draw implications for best practices through case study, discussions, and current information designed to provide a high standard of care.									
EHS	RSP	COED	6160	Performance and Conditioning for Athletic Coaches	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Presents principles and applications of athletic performance and conditioning for coaches.									
EHS	RSP	COED	6160	Performance and Conditioning for Athletic Coaches	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Presents principles and applications of athletic performance and conditioning for coaches.									
EHS	RSP	COED	6170	Ethics and Diversity in Athletic Coaching	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Encompasses the ethical and diversity issues pertaining to athletic coaches. The primary focuses will be on appropriate actions in conducting, organizing, teaching, and coaching activities.									
EHS	RSP	COED	6170	Ethics and Diversity in Athletic Coaching	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Encompasses the ethical and diversity issues pertaining to athletic coaches. The primary focuses will be on appropriate actions in conducting, organizing, teaching, and coaching activities.									
EHS	RSP	COED	6180	Utilizing Technology in Athletic Coaching	LAB	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	COED	6180	Utilizing Technology in Athletic Coaching	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	COED	6180	Utilizing Technology in Athletic Coaching	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	COED	6180	Utilizing Technology in Athletic Coaching	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	COED	6190	Coaching through Games	LAB	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR This course presents an overview of the multiple components that coaches can use to teach techniques and tactics through games. Reflective thinking and problem-solving are required to enhance the practice design, application and effectiveness. The development of practice plans and the evaluation of training delivery are critical to effective sports coaching. This course will allow students to explore their coaching while working in the game setting. This class is designed for graduate students interested in practical application of the Teaching Games for Understanding, Tactical Decision Learning Model, Guided Discovery, and Problem Solving methods. This course also engages students in peer and self-assessments during practical coaching opportunities.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6190	Coaching through Games	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course presents an overview of the multiple components that coaches can use to teach techniques and tactics through games. Reflective thinking and problem-solving are required to enhance the practice design, application and effectiveness. The development of practice plans and the evaluation of training delivery are critical to effective sports coaching. This course will allow students to explore their coaching while working in the game setting. This class is designed for graduate students interested in practical application of the Teaching Games for Understanding, Tactical Decision Learning Model, Guided Discovery, and Problem Solving methods. This course also engages students in peer and self-assessments during practical coaching opportunities.									
EHS	RSP	COED	6190	Coaching through Games	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course presents an overview of the multiple components that coaches can use to teach techniques and tactics through games. Reflective thinking and problem-solving are required to enhance the practice design, application and effectiveness. The development of practice plans and the evaluation of training delivery are critical to effective sports coaching. This course will allow students to explore their coaching while working in the game setting. This class is designed for graduate students interested in practical application of the Teaching Games for Understanding, Tactical Decision Learning Model, Guided Discovery, and Problem Solving methods. This course also engages students in peer and self-assessments during practical coaching opportunities.									
EHS	RSP	COED	6190	Coaching through Games	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course presents an overview of the multiple components that coaches can use to teach techniques and tactics through games. Reflective thinking and problem-solving are required to enhance the practice design, application and effectiveness. The development of practice plans and the evaluation of training delivery are critical to effective sports coaching. This course will allow students to explore their coaching while working in the game setting. This class is designed for graduate students interested in practical application of the Teaching Games for Understanding, Tactical Decision Learning Model, Guided Discovery, and Problem Solving methods. This course also engages students in peer and self-assessments during practical coaching opportunities.									
EHS	RSP	COED	6200	Research and Analysis Methods for Athletic Coaches	LAB	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	COED	6200	Research and Analysis Methods for Athletic Coaches	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	COED	6200	Research and Analysis Methods for Athletic Coaches	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	COED	6200	Research and Analysis Methods for Athletic Coaches	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	COED	6210	Coaching Soccer: The Beautiful Game	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Soccer's universality is its simplicity - the fact that the game can be played anywhere with anything. Soccer is not a stand-in for anything else. This course will explore what soccer coaches need to know about being a coach, what roles they are required to perform and how they will teach the beautiful game to players at all skill levels. Methods of coaching, technical and tactical instruction and the development of seasonal and daily practice plans are the foundations of this course.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6210	Coaching Soccer: The Beautiful Game	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Soccer's universality is its simplicity - the fact that the game can be played anywhere with anything. Soccer is not a stand-in for anything else. This course will explore what soccer coaches need to know about being a coach, what roles they are required to perform and how they will teach the beautiful game to players at all skill levels. Methods of coaching, technical and tactical instruction and the development of seasonal and daily practice plans are the foundations of this course.									
EHS	RSP	COED	6220	Concepts of Soccer Player Development	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Examines developmentally appropriate practices for coaches when working with children ages 12 and under. Growth and development issues, physical and psychomotor characteristics, motor development, cognitive learning and psycho-social issues will be identified and programs to meet the principles of coaching youth soccer will be developed.									
EHS	RSP	COED	6220	Concepts of Soccer Player Development	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Examines developmentally appropriate practices for coaches when working with children ages 12 and under. Growth and development issues, physical and psychomotor characteristics, motor development, cognitive learning and psycho-social issues will be identified and programs to meet the principles of coaching youth soccer will be developed.									
EHS	RSP	COED	6230	Reading, Writing and Applying Research for Sport Coaches	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		This course will provide graduate students with the opportunity to learn how to read, write about and apply research in the profession of sport coaching. Students will learn how to identify reliable and valid research pertaining to sport so they may best develop athletes. Furthermore, they will engage in writing to demonstrate their knowledge, and to enhance their professional, interpersonal and intrapersonal skills to advance their coaching.									
EHS	RSP	COED	6230	Reading, Writing and Applying Research for Sport Coaches	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		This course will provide graduate students with the opportunity to learn how to read, write about and apply research in the profession of sport coaching. Students will learn how to identify reliable and valid research pertaining to sport so they may best develop athletes. Furthermore, they will engage in writing to demonstrate their knowledge, and to enhance their professional, interpersonal and intrapersonal skills to advance their coaching.									
EHS	RSP	COED	6250	Soccer: The Global Game	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		This course will explore the origins of the world's most popular sport, the laws that govern it and how it has evolved through history. A focus on famous players, teams and coaches as well as World Cup and other notable championships will be covered. Additionally, the impact of the game on youth, culture and society from a global standpoint will be analyzed.									
EHS	RSP	COED	6250	Soccer: The Global Game	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		This course will explore the origins of the world's most popular sport, the laws that govern it and how it has evolved through history. A focus on famous players, teams and coaches as well as World Cup and other notable championships will be covered. Additionally, the impact of the game on youth, culture and society from a global standpoint will be analyzed.									
EHS	RSP	COED	6270	Advanced Soccer Player Development	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Advanced Soccer Player Development will focus on the coach's role in technical, tactical, physical, and psychosocial development and as it relates to all areas of the field for players age 14 and older. Content will also include goalkeeper training, systems of play and set pieces. Attention will be paid to decision-making, competitiveness, concentration, communication, respect and discipline.									
EHS	RSP	COED	6270	Advanced Soccer Player Development	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		PR											
		COURSE DESC:		Advanced Soccer Player Development will focus on the coach's role in technical, tactical, physical, and psychosocial development and as it relates to all areas of the field for players age 14 and older. Content will also include goalkeeper training, systems of play and set pieces. Attention will be paid to decision-making, competitiveness, concentration, communication, respect and discipline.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6280	Leadership and Team Dynamics in Soccer	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course will explore leadership theory and practices for soccer coaches as well as identifying team building strategies, game and practice management responsibilities, scheduling, travel, budget, fund raising, equipment purchasing, recruiting and other pre/in/off season management tasks. Unique soccer management responsibilities at the youth, interscholastic, club, intercollegiate and professional levels will be identified.									
EHS	RSP	COED	6280	Leadership and Team Dynamics in Soccer	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course will explore leadership theory and practices for soccer coaches as well as identifying team building strategies, game and practice management responsibilities, scheduling, travel, budget, fund raising, equipment purchasing, recruiting and other pre/in/off season management tasks. Unique soccer management responsibilities at the youth, interscholastic, club, intercollegiate and professional levels will be identified.									
EHS	RSP	COED	6300	Training and Conditioning for Soccer Coaches	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course presents principles and applications of athletic performance for soccer coaches. Students will conduct a needs analysis and develop a soccer specific training program based on the demands of athletes at the level they are coaching. Content will include aerobic and anaerobic fitness, strength and power programming and creating both in-season and off-season training plans. Appropriate program design is based on an understanding of the physiological basis of training and adaptation.									
EHS	RSP	COED	6300	Training and Conditioning for Soccer Coaches	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course presents principles and applications of athletic performance for soccer coaches. Students will conduct a needs analysis and develop a soccer specific training program based on the demands of athletes at the level they are coaching. Content will include aerobic and anaerobic fitness, strength and power programming and creating both in-season and off-season training plans. Appropriate program design is based on an understanding of the physiological basis of training and adaptation.									
EHS	RSP	COED	6320	Sport Performance for Athletic Coaches	LAB	LB	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		Students apply knowledge gained from previous exercise science classes to design optimal conditioning programs to enhance athletic performance. Also prepares students for professional certification.									
EHS	RSP	COED	6320	Sport Performance for Athletic Coaches	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		Students apply knowledge gained from previous exercise science classes to design optimal conditioning programs to enhance athletic performance. Also prepares students for professional certification.									
EHS	RSP	COED	6330	Analysis of Sport Performance for Coaches	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6200 or EDRE 5010 or REC 6080									
		COURSE DESC:		Methods of analyzing performance in sport. Skill assessments and behavior studies of sports participants analyzed through systematic observations systems designed to reveal target areas for improvement. Observation systems lead to the identification of interventions needed to help improve performance.									
EHS	RSP	COED	6340	Performance Recovery: Strategies for Coaches	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course explores strategies for athletic coaches to help athletes recover, replenish, repair and rebuild physically, mentally and emotionally from the demands of training and athletic performance. Participation in athletics has become a year-round commitment across all sports including youth sports, interscholastic, intercollegiate, Olympic and professional levels. Training and performance demands have increased and coaches must know the latest strategies and methods for helping athletes increase recovery speed, improve agility and coordination, increase flexibility, reduce muscle soreness and reduce stress.									
EHS	RSP	COED	6340	Performance Recovery: Strategies for Coaches	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course explores strategies for athletic coaches to help athletes recover, replenish, repair and rebuild physically, mentally and emotionally from the demands of training and athletic performance. Participation in athletics has become a year-round commitment across all sports including youth sports, interscholastic, intercollegiate, Olympic and professional levels. Training and performance demands have increased and coaches must know the latest strategies and methods for helping athletes increase recovery speed, improve agility and coordination, increase flexibility, reduce muscle soreness and reduce stress.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	COED	6400	Coaching Performance Evaluation	CLN	CL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Students will be assessed on their coaching technical, tactical, and management abilities. Moreover, the students will learn to self critique their coaching after learning how to use different self-assessment tools.									
EHS	RSP	COED	6400	Coaching Performance Evaluation	CLN	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Students will be assessed on their coaching technical, tactical, and management abilities. Moreover, the students will learn to self critique their coaching after learning how to use different self-assessment tools.									
EHS	RSP	COED	6900	Special Topics in Coaching Education	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	6900	Special Topics in Coaching Education	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	COED	6920	Practicum	PRA	PR	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Supervised work experience in various aspects of coaching intercollegiate or interscholastic athletics.									
EHS	RSP	COED	6930	Guided Independent Study	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Selected areas of study with written report based on research.									
EHS	RSP	COED	6940	Research Dynamics: Planning, Participation, and Actualization of the Research Process	RSC	RS	1 to 4	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		A hands-on approach to research: developing the idea, establishing the methodology, collecting data, doing the statistical evaluation, and writing the results in publication format.									
EHS	RSP	COED	6941	Special Problems	RSC	RS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									
EHS	RSP	COED	6950	Thesis	THE	TH	1 to 4	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and COED 6200 and EDRE 5010									
		COURSE DESC:		Research and analysis in conducting a master's level thesis.									
EHS	RSP	PAW	1000	Exercise and Conditioning	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1001	Aerobic Conditioning	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of aerobic conditioning. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1002	Circuit Training	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of circuit training. Students will be graded based on knowledge and participation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1003	Weight Training	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of weight training. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1004	Jogging	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of jogging. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1005	Yoga	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of yoga. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1006	Pilates	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of pilates. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1007	Aerobics	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of aerobics. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1008	Spinning	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of spinning. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1009	Group Fitness and Exercise	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette in group fitness and exercise. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1099	Adapted Physical Activity	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary for physical activity and people with special needs. Students will gain knowledge, appreciation, and understanding about adaptive physical activity for people with special needs.									
EHS	RSP	PAW	1100	Basketball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of basketball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1101	Lacrosse	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of lacrosse. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1102	Softball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of softball. Students will be graded based on knowledge and participation.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1103	Fundamentals of Volleyball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of volleyball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1104	Ultimate Frisbee	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of ultimate frisbee . Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1105	Broomball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of broomball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1106	Ice Hockey	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of ice hockey. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1107	Indoor Soccer	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of indoor soccer. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1108	Soccer	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of soccer. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1109	Flag Football	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of flag football. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1110	Team Handball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of team handball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1111	Field Hockey	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of field hockey. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1112	Walleyball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of walleyball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1113	Netball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the sport of Netball. Netball evolved from the sport of basketball and is widely played internationally. Netball is played using a free standing hoop on a court that is divided into three sections in a 7 vs 7 setting. This course combines face to face physical activity instruction and online academic learning modules in healthful physical activity as it relates to Netball as well as the knowledge and skills necessary to play Netball.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1114	Jokgu	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course introduces students to the sport of Jokgu. Jokgu originated in South Korea and is a combination of soccer and volleyball. Jokgu is played on a tennis or badminton court with a net that is low to the ground similar to the one used in tennis, using no hands in a 2 vs. 2, 3 vs. 3, or 4 vs. 4 setting. This course combines face to face physical activity instruction and online academic learning modules in healthful physical activity as it relates to Jokgu as well as the knowledge and skills necessary to play Jokgu.									
EHS	RSP	PAW	1115	Futsal	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course introduces students to the sport of Futsal. Futsal originated in Uruguay and is popular in Brazil. Futsal is a 5 vs. 5 version of soccer that is played on a smaller court, with a smaller goal and ball, and different rules. This course combines face to face physical activity instruction and online academic learning modules in healthful physical activity as it relates to Futsal as well as the knowledge and skills necessary to play Futsal.									
EHS	RSP	PAW	1116	Spikeball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course introduces students to the sport of Spikeball (internationally known as Roundnet). The sport of Spikeball is a net/wall game played 2 vs. 2 utilizing a round net system. This course combines face to face physical activity instruction and online academic learning modules on health and physical activity.									
EHS	RSP	PAW	1200	Fundamentals of Racquetball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of racquetball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1201	Fundamentals of Tennis	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of tennis. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1202	Fundamentals of Golf	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of golf. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1203	Badminton	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of badminton. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1204	Fundamentals of Indoor Rock Climbing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of indoor rock climbing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1205	Cycling	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of cycling. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1206	Bowling	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of bowling. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1207	Fundamentals of Handball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of handball. Students will be graded based on knowledge and participation.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1208	Archery ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of archery. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1209	Fundamentals of Ice Skating ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1210	Fundamentals of Figure Skating ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1211	Fundamentals of Snow Skiing ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of snow skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1212	Fundamentals of Water Skiing ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of water skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1213	Fundamentals of Karate ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of karate. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1214	Fundamentals of Tae Kwon Do ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of tae kwon do. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1215	Fundamentals of Judo ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of judo. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1216	Fundamentals of Belly Dance ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of belly dancing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1217	Country Dance ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of country dance. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1218	Social Dance ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of social dance. Students will be graded based on knowledge and participation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1219	Disc Golf	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of disc golf. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1220	Trail Running	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of trail running. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1221	Hiking	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of hiking. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1222	Mountain Biking	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1223	Kayaking	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1224	Canoeing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1225	Fundamentals of Triathlon Training	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of triathlon training. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1260	Physical Conditioning I	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1300	Aqua Aerobics	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. Students will gain a thorough working knowledge, appreciation, and understanding of the safety, techniques, movements, and etiquette of aqua aerobics.									
EHS	RSP	PAW	1301	Fundamentals of Swimming	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of swimming. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1302	Fundamentals Swim Conditioning	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, safety, and etiquette of swim conditioning. Students will be graded based on knowledge and participation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	1401	Fundamentals of Horseback Western Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of western seat horseback riding. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1402	Intermediate Horseback Western Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1401 Builds upon knowledge gained in fundamental horseback and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1403	Advanced Horseback Western Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1402 Builds upon the intermediate horseback course and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1410	Fundamentals of Horseback Hunt Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of hunt seat horseback riding. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1411	Intermediate Horseback Hunt Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1410 Builds upon the fundamental horseback hunt seat and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1412	Advanced Horseback Hunt Seat	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1411 Builds upon intermediate horseback hunt seat and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	1431	Horseback Jumping	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1403 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2103	Intermediate Volleyball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1103 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2180	Life Guard Training	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PAW 2301 Principles and practices of life saving for American Red Cross certification.									
EHS	RSP	PAW	2180	Life Guard Training	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PAW 2301 Principles and practices of life saving for American Red Cross certification.									
EHS	RSP	PAW	2200	Water Safety for Instructors	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PAW 2301 Includes analysis of swimming and teaching practices.									
EHS	RSP	PAW	2200	Water Safety for Instructors	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PAW 2301 Includes analysis of swimming and teaching practices.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	2201	Intermediate Tennis	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1201									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate tennis. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2202	Intermediate Golf	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1202									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate golf. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2204	Intermediate Indoor Rock Climbing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1204									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate indoor rock climbing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2209	Intermediate Ice Skating	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1209									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate ice skating. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2210	Intermediate Figure Skating	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1210									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate figure skating. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2211	Intermediate Snow Skiing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1211									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students advance their knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of intermediate snow skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2212	Intermediate Waterskiing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1212									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate water skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2213	Intermediate Karate	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1213									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate karate. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2214	Intermediate Tae Kwon Do	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1214									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate tae kwon do. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2215	Intermediate Judo	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1215									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate judo. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2216	Intermediate Belly Dance	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PED 1216									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of intermediate belly dancing. Students will be graded based on knowledge and participation.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PAW	2217	Intermediate Racquetball	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1200									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of racquetball. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2225	Intermediate Triathlon Training	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1225									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2301	Intermediate Swimming	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1301									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate swimming. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2302	Intermediate Swim Conditioning	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1302									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate swim conditioning. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2801	Advanced Swimming	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1301 and 2301									
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of advanced swimming. Students will be graded based on knowledge and participation.									
EHS	RSP	PAW	2900	Special Topics in Physical Education Activity	LEC	EL	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	PAW	2900	Special Topics in Physical Education Activity	LEC	LE	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	PAW	3800	Life Guard Training Instructor	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2180									
		COURSE DESC:		Focuses on the responsibilities of the lifeguard, lifeguard conduct, preventative lifeguarding, emergency plans for all types of facilities, and health and sanitation.									
EHS	RSP	PAW	3800	Life Guard Training Instructor	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2180									
		COURSE DESC:		Focuses on the responsibilities of the lifeguard, lifeguard conduct, preventative lifeguarding, emergency plans for all types of facilities, and health and sanitation.									
EHS	RSP	PAW	4900	Special Topics in Physical Education and Sport Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	PAW	4900	Special Topics in Physical Education and Sport Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	PETE	1260	Skill and Fitness for Coaches and Physical Educators	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces students to a variety of health and skill related physical fitness components as they apply to coaches and physical educators. Students will regularly participate in physical activity and achieve fitness levels aligned with the national standard criteria.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PETE	1260	Skill and Fitness for Coaches and Physical Educators	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to a variety of health and skill related physical fitness components as they apply to coaches and physical educators. Students will regularly participate in physical activity and achieve fitness levels aligned with the national standard criteria.									
EHS	RSP	PETE	2000	Cultural Perspectives and Physical Activity	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students learn about how various cultures view physical activity. Factors relating to culture and physical activity are be explored. Students have the opportunity to recognize the role and meaning of physical activity in their lives, and in the wider community in which they live.									
EHS	RSP	PETE	2000	Cultural Perspectives and Physical Activity	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students learn about how various cultures view physical activity. Factors relating to culture and physical activity are be explored. Students have the opportunity to recognize the role and meaning of physical activity in their lives, and in the wider community in which they live.									
EHS	RSP	PETE	2020	Introduction to Physical Education/Teacher Education	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduces prospective physical educators to the multiple methods of becoming an effective teacher for children in kindergarten through grade 12. Observation of and content development in early childhood, middle childhood, and adolescent and young adult physical education programs will be explored.									
EHS	RSP	PETE	2020	Introduction to Physical Education/Teacher Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduces prospective physical educators to the multiple methods of becoming an effective teacher for children in kindergarten through grade 12. Observation of and content development in early childhood, middle childhood, and adolescent and young adult physical education programs will be explored.									
EHS	RSP	PETE	2100	Physical Activity and Sport Leadership	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is designed to introduce foundational knowledge in physical activity and sport leadership through exploration of societal trends. Students will have the opportunity to examine, understand, and reflect upon the important role physical activity and sport plays in society and in their own lives.									
EHS	RSP	PETE	2100	Physical Activity and Sport Leadership	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is designed to introduce foundational knowledge in physical activity and sport leadership through exploration of societal trends. Students will have the opportunity to examine, understand, and reflect upon the important role physical activity and sport plays in society and in their own lives.									
EHS	RSP	PETE	2330	Inclusive Physical Activity and Sport for Individuals with Disabilities	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is intended to offer students insight into current concepts and trends for inclusive physical activity and sport for individuals with disabilities. Through this course, prospective physical educators and coaches gain knowledge and skills to employ successful instructional strategies for inclusion of all individuals with disabilities. Students will connect knowledge of theory and practice through meaningful physical activity experiences in learning labs and field settings.									
EHS	RSP	PETE	2330	Inclusive Physical Activity and Sport for Individuals with Disabilities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is intended to offer students insight into current concepts and trends for inclusive physical activity and sport for individuals with disabilities. Through this course, prospective physical educators and coaches gain knowledge and skills to employ successful instructional strategies for inclusion of all individuals with disabilities. Students will connect knowledge of theory and practice through meaningful physical activity experiences in learning labs and field settings.									
EHS	RSP	PETE	2400	Foundations of Sport and Games in Physical Education I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	B or better in PETE 1260 or C or better in PETE 2020						
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.									
EHS	RSP	PETE	2400	Foundations of Sport and Games in Physical Education I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	B or better in PETE 1260 or C or better in PETE 2020						
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PETE	2401	Foundations of Sport and Games in Physical Education II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.									
EHS	RSP	PETE	2401	Foundations of Sport and Games in Physical Education II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.									
EHS	RSP	PETE	2700	Teaching of Physical Education	LAB	LB	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.									
EHS	RSP	PETE	2700	Teaching of Physical Education	LEC	LE	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.									
EHS	RSP	PETE	2900	Special Topics in Physical Education Teacher Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
EHS	RSP	PETE	2900	Special Topics in Physical Education Teacher Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
EHS	RSP	PETE	3090	Tests and Measurements	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1030 and PETE 2020) Administration and evaluation of tests in health, physical education, and athletics; practice in handling test data by elementary statistical methods.									
EHS	RSP	PETE	3090	Tests and Measurements	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1030 and PETE 2020) Administration and evaluation of tests in health, physical education, and athletics; practice in handling test data by elementary statistical methods.									
EHS	RSP	PETE	3100	Principles, Theories and Methods of Teaching Early Childhood Physical Education	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (PETE 2400 and 3090) Examines the role of physical education at the early childhood and elementary level with emphasis in basic movement education with scope and sequencing for ages 3 through grade 6. Students will refine teaching skills and develop an understanding of the interrelation of curriculum, unit and lesson planning unique to teaching early childhood physical education. Observation and interaction with children through field study under the supervision of faculty and cooperating teachers.									
EHS	RSP	PETE	3100	Principles, Theories and Methods of Teaching Early Childhood Physical Education	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (PETE 2400 and 3090) Examines the role of physical education at the early childhood and elementary level with emphasis in basic movement education with scope and sequencing for ages 3 through grade 6. Students will refine teaching skills and develop an understanding of the interrelation of curriculum, unit and lesson planning unique to teaching early childhood physical education. Observation and interaction with children through field study under the supervision of faculty and cooperating teachers.									
EHS	RSP	PETE	3400	Design and Application of Movement through Games	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PETE 1260 This course aims to refine skill themes and movement concepts of designing age and developmentally appropriate games. The developmental approach advocated in this course applies theory into application for maximizing purposeful and skillful movement by enhancing engagement through creativity, imagination, and motivation.									
EHS	RSP	PETE	3401	Techniques and Tactics of Sport	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PETE 3400 This course provides instruction in a variety of sports through the use of the tactical games instructional model. Through this course, students gain knowledge and skills to employ the tactical games model for net-wall, invasion, striking-fielding, and target sports. This course provides the opportunity to apply the tactical games instructional model through planning, assessment, and reflection.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PETE	3700	Methods of Teaching Adolescent and Young Adult Physical Education & Health GEC1: A-F REQUISITE: C or better in PETE 3401 ELIGIBLE GRADES: COURSE DESC: This course is designed to refine the teaching methodology of pre-service teachers in physical education and health education (6th-12th grade). Pre-service teachers learn best teaching practices, principles and theories for planning, instruction, and assessment. Knowledge is applied within clinical placements under the supervision of clinical educators and mentor teachers. Preservice teachers analyze teaching effectiveness through reflective practices and clinical evaluations.	LAB	LB	5	0		N	U30		0
EHS	RSP	PETE	3700	Methods of Teaching Adolescent and Young Adult Physical Education & Health GEC1: A-F REQUISITE: C or better in PETE 3401 ELIGIBLE GRADES: COURSE DESC: This course is designed to refine the teaching methodology of pre-service teachers in physical education and health education (6th-12th grade). Pre-service teachers learn best teaching practices, principles and theories for planning, instruction, and assessment. Knowledge is applied within clinical placements under the supervision of clinical educators and mentor teachers. Preservice teachers analyze teaching effectiveness through reflective practices and clinical evaluations.	LEC	LE	5	0		N	U30		0
EHS	RSP	PETE	4000	Curriculum and Instruction for Physical Education and Health Education GEC1: A-F REQUISITE: Jr or Sr ELIGIBLE GRADES: COURSE DESC: This course is designed to provide pre-service teachers opportunities to examine main theme curricula in physical education and health education. Pre-service teachers investigate and analyze the interconnected relationships of planning, teaching, assessment, learning and reflection within curriculum.	LEC	LE	3	0		N	U30		75
EHS	RSP	PETE	4050	Motor Learning GEC1: A-F REQUISITE: Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance.	LEC	EL	3	0		N	U30		0
EHS	RSP	PETE	4050	Motor Learning GEC1: A-F REQUISITE: Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance.	LEC	LE	3	0		N	U30		0
EHS	RSP	PETE	4600	Principles, Theories and Methods of Teaching Physical Education GEC1: A-F REQUISITE: PETE 3401 ELIGIBLE GRADES: COURSE DESC: This course is designed to refine the teaching methodologies in physical education within lecture, lab, and clinical settings. This course provides opportunities to learn and experience best teaching practices, principles and theories for planning, instruction, assessment, and reflection in authentic physical education settings. Additionally, students are required to engage in 112 clinical hours in physical education public school classrooms.	FLD	FE	5	0		N	U30		0
EHS	RSP	PETE	4600	Principles, Theories and Methods of Teaching Physical Education GEC1: A-F REQUISITE: PETE 3401 ELIGIBLE GRADES: COURSE DESC: This course is designed to refine the teaching methodologies in physical education within lecture, lab, and clinical settings. This course provides opportunities to learn and experience best teaching practices, principles and theories for planning, instruction, assessment, and reflection in authentic physical education settings. Additionally, students are required to engage in 112 clinical hours in physical education public school classrooms.	LAB	LB	5	0		N	U30		0
EHS	RSP	PETE	4600	Principles, Theories and Methods of Teaching Physical Education GEC1: A-F REQUISITE: PETE 3401 ELIGIBLE GRADES: COURSE DESC: This course is designed to refine the teaching methodologies in physical education within lecture, lab, and clinical settings. This course provides opportunities to learn and experience best teaching practices, principles and theories for planning, instruction, assessment, and reflection in authentic physical education settings. Additionally, students are required to engage in 112 clinical hours in physical education public school classrooms.	LEC	LE	5	0		N	U30		0
EHS	RSP	PETE	4900	Special Topics in Physical Education Teacher Education GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	RSP	PETE	4900	Special Topics in Physical Education Teacher Education GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	PETE	4910	Internship in Physical Activity and Sport Coaching	INT	IN	12	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:		Sr and Physical Activity and Sport Coaching major and PETE 4960 concurrent						
		COURSE DESC:		This course is designed to provide students with a supervised experience in a professional physical activity and sport coaching organization/agency. This course is taken concurrently with the seminar course (i.e., PETE 4960).									
EHS	RSP	PETE	4960	Physical Activity and Sport Coaching Seminar	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Sr and Physical Activity and Sport Coaching major and PETE 4910 concurrent						
		COURSE DESC:		This course focuses on the importance of professional development in the field of physical activity and sport coaching. This course is designed to provide an understanding of their responsibilities in continually developing and maintaining professional competencies as practitioners in the respective physical activity and sport coaching field. This course also provides students with guidance in developing professional portfolios related to their physical activity and sport coaching field. This course is taken concurrently with the internship course (i.e., PETE 4910).									
EHS	RSP	PETE	4960	Physical Activity and Sport Coaching Seminar	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		Sr and Physical Activity and Sport Coaching major and PETE 4910 concurrent						
		COURSE DESC:		This course focuses on the importance of professional development in the field of physical activity and sport coaching. This course is designed to provide an understanding of their responsibilities in continually developing and maintaining professional competencies as practitioners in the respective physical activity and sport coaching field. This course also provides students with guidance in developing professional portfolios related to their physical activity and sport coaching field. This course is taken concurrently with the internship course (i.e., PETE 4910).									
EHS	RSP	REC	1000	Wilderness Living Skills	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces basic backpacking skills and knowledge in order to enhance personal enjoyment of the outdoors, conservation of wild areas, and sound safety practices on outdoor trips. Students learn through direct experience, discussion, demonstration, and reflection.									
EHS	RSP	REC	1005	Winter Wilderness Living Skills	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		REC 1000						
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably travel and camp in the backcountry during winter weather.									
EHS	RSP	REC	1010	Wilderness Navigation	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Basic foundations to land navigation, from map reading and terrain association, to how to use a compass through class work and hands on practice and experience.									
EHS	RSP	REC	1030	Wilderness Survival	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		REC 1000						
		COURSE DESC:		Introduces basic knowledge and techniques utilized in wilderness survival situations. Emphasis is placed on avoiding a survival situation, but will deal directly with mental and physical needs of the human body when placed in less than ideal scenarios in nature. Students can expect to take part in a contrived wilderness survival situation to practice and demonstrate the skills they gained.									
EHS	RSP	REC	1060	Hunter Education	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Will primarily be taught as an official State of Ohio Hunter Education Course. Upon successfully completing the course, you will be eligible to become a licensed hunter in Ohio.									
EHS	RSP	REC	1070	Trapshooting	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		To learn the skills and techniques of trapshooting.									
EHS	RSP	REC	1080	Fundamentals of Rock Climbing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of rock climbing. Topics include, but are not limited to, terminology, top rope site management, safety systems, and movement related to rock-climbing. Students will also learn to apply the principles and practices of Leave No Trace to minimize environmental impacts related to rock climbing.									
EHS	RSP	REC	1081	Sport Rock Climbing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		REC 1080						
		COURSE DESC:		Provides students with the fundamental skills necessary to lead climb on bolted routes. In addition, instruction will focus on topics that include lead belaying, clipping, anchors, and rappelling. An extension of REC 1080, The Fundamentals of Rock Climbing, as it offers students the opportunity to further develop their climbing technique in sport rock climbing.									
EHS	RSP	REC	1082	Traditional Rock Climbing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		REC 1080 and 1081						
		COURSE DESC:		Designed to build on the skills and knowledge obtained in REC 1080 and REC 1081. As part of the course curriculum, students will have an opportunity to focus on skills related to climbing rope management, belaying a lead climber, and constructing a quality protection system that mitigates risk for the both lead climber and the belayer. The primary aim is to continue to develop the skills and knowledge necessary for protecting single pitch climbs for the lead and belayer.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	1083	Rock Climbing Rescue	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1080 and 1081 and 1082									
				Provides students with a fundamental understanding of the rescue skills needed for multi-pitch climbs, traditional climbing, and sport climbing. Students will have the opportunity to learn a variety of techniques for a speedy and safe descent in times of emergency or inclement weather. To maximize learning, students will be confronted with a number of different rescue scenarios from which they can practice and apply new knowledge and skills.									
EHS	RSP	REC	1100	Fly Fishing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of fly fishing.									
EHS	RSP	REC	1110	Cross Country Snow Skiing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Teaches students the knowledge and skills to safely and enjoyably participate in the sport of cross country snow skiing.									
EHS	RSP	REC	1130	Fundamentals of Canoeing	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces basic flatwater canoeing skills and knowledge in order to enhance personal enjoyment of the outdoors and sound safety practices. Students learn through direct experience, discussion, demonstration, and reflection.									
EHS	RSP	REC	1131	Whitewater Canoeing	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of whitewater canoeing.									
EHS	RSP	REC	1132	Canoe Touring	LAB	LB	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides an experiential learning environment that utilizes the natural surroundings to develop strong wilderness living and canoeing skills. Focus on the development of a personal outdoor ethic, interpersonal skills, and awareness of the natural environment through observation. Introduces students to the knowledge and skills needed to safely and enjoyably participate in extended canoe expeditions on lakes and/or rivers. In addition, students learn about expeditionary leadership specific to canoeing in backcountry settings.									
EHS	RSP	REC	1132	Canoe Touring	LEC	LE	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides an experiential learning environment that utilizes the natural surroundings to develop strong wilderness living and canoeing skills. Focus on the development of a personal outdoor ethic, interpersonal skills, and awareness of the natural environment through observation. Introduces students to the knowledge and skills needed to safely and enjoyably participate in extended canoe expeditions on lakes and/or rivers. In addition, students learn about expeditionary leadership specific to canoeing in backcountry settings.									
EHS	RSP	REC	1140	Fundamentals of Kayaking	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to kayaking that includes paddling techniques and equipment, recommended prior to enrolling in Whitewater Kayaking.									
EHS	RSP	REC	1141	Whitewater Kayaking	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of whitewater kayaking.									
EHS	RSP	REC	1142	Coastal Kayaking	LEC	LE	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of coastal kayaking.									
EHS	RSP	REC	1143	Kayak Touring	LAB	LB	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: Permission required									
				CR, PR									
				Provides an experiential learning environment that utilizes the natural surroundings to develop strong wilderness living and kayaking skills. Focus on the development of a personal outdoor ethic, interpersonal skills, and awareness of the natural environment through observation. Introduces students to the knowledge and skills needed to safely and enjoyably participate in extended kayak expeditions on lakes and/or rivers. In addition, students learn about expeditionary leadership specific to kayaking in backcountry settings.									
EHS	RSP	REC	1150	Whitewater Rafting	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to whitewater rafting that includes techniques and equipment used by raft guides for professional outfitters. Emphasizes safety, enjoyment, and skill acquisitions for new paddlers of inflatable craft. Introduces and trains paddlers in the basic elements of river reading, White Water safety considerations, and paddling techniques.									
EHS	RSP	REC	1160	Stand Up Paddleboarding	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces the knowledge and skills necessary to safely and enjoyably participate in the sport of Stand Up Paddleboarding in calm flatwater conditions, as well as conditions where wind, waves, and currents are present.									
EHS	RSP	REC	1180	Sailing	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Learn the basic elements of sailing, including terminology, rigging, sailing techniques, safety, and etiquette. Also gain personal skills in resourcefulness, balance, and self-reliance.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	1190	Caving	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of caving.									
EHS	RSP	REC	1200	Mountain Biking	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of mountain biking.									
EHS	RSP	REC	1201	Intermediate Mountain Biking	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1201									
				Introduces students to the knowledge and skills required to safely and enjoyably participate in intermediate level mountain biking. Students will participate in a weekend trip to learn and practice associated skills.									
EHS	RSP	REC	1202	Advanced Mountain Biking	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1201									
				Introduces students to the knowledge and skills required to safely and enjoyably participate in advanced level mountain biking. Students will participate in a weekend trip to learn and practice associated skills.									
EHS	RSP	REC	1220	Scuba Diver	LAB	LB	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.									
EHS	RSP	REC	1220	Scuba Diver	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.									
EHS	RSP	REC	1221	Advanced Scuba Diver	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1220									
				Provides certified scuba divers with additional training, diving experience and an orientation to a variety of diving sites, conditions and activities. Apply your scuba skills as you explore new dive sites and activities. Learn which diving specialties interest you and what type of diving you enjoy most. Gain more confidence and capability. Begin to consider the directions diving will take you.									
EHS	RSP	REC	1221	Advanced Scuba Diver	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1220									
				Provides certified scuba divers with additional training, diving experience and an orientation to a variety of diving sites, conditions and activities. Apply your scuba skills as you explore new dive sites and activities. Learn which diving specialties interest you and what type of diving you enjoy most. Gain more confidence and capability. Begin to consider the directions diving will take you.									
EHS	RSP	REC	1222	Scuba Rescue Diver	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1220 and 1221									
				Learn how to effectively manage risks and handle in-water problems and diving emergencies for both boat and shore-based skin and scuba divers. This includes learning to identify problems, assist divers, perform surface and underwater rescues, and transport divers. This is a certification course allowing students to begin the NAUI Leadership Track and work to become an assistant instructor, dive master or instructor.									
EHS	RSP	REC	1250	Adventure Challenge Course	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides the opportunity to demonstrate low and high rope skills and to practice facilitation techniques.									
EHS	RSP	REC	1920	Adventure Experience Practicum for Incoming First Year Students	PRA	PR	1 to 6	999		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The course uses adventure learning as a means to improve interpersonal skills, leadership skills, and self-efficacy. The course consists of a half-day orientation and a multi-day wilderness expedition. Students will develop wilderness living and travel skills specific to the particular program area in which the practicum is conducted and the form of wilderness travel used during the practicum (e.g., canoeing, kayaking, backpacking, and climbing).									
EHS	RSP	REC	2000	Introduction to Recreation and Leisure Services	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides student with broad understanding of nature and scope of recreation and leisure in society as well as a broad overview of the recreation and leisure services profession.									
EHS	RSP	REC	2000	Introduction to Recreation and Leisure Services	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides student with broad understanding of nature and scope of recreation and leisure in society as well as a broad overview of the recreation and leisure services profession.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	2010	Recreation and Leisure in Society	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.									
EHS	RSP	REC	2010	Recreation and Leisure in Society	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.									
EHS	RSP	REC	2150	Outdoor Recreation and Education	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces students to outdoor recreation and education as a professional practice. Students examine the broad scope of the profession while exploring its value to society. Emphasis is placed on the theory and practice of leadership in outdoor recreation and education. Topics include historical and philosophical foundations of outdoor recreation and education, theories of leadership, judgment and decision-making, values and ethics, teaching and facilitation, safety and risk management, and environmental stewardship.									
EHS	RSP	REC	2750	Inclusive Recreation	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course will introduce students to the concepts, methods, and settings for developing inclusive recreation services for diverse populations. These concepts and methods can be applied to individuals and groups that may need adaptations for inclusive recreation services. Students will gain knowledge in universal access, design, and inclusion in community settings.									
EHS	RSP	REC	2750	Inclusive Recreation	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course will introduce students to the concepts, methods, and settings for developing inclusive recreation services for diverse populations. These concepts and methods can be applied to individuals and groups that may need adaptations for inclusive recreation services. Students will gain knowledge in universal access, design, and inclusion in community settings.									
EHS	RSP	REC	2900	Special Topics in Recreation	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	REC	2900	Special Topics in Recreation	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	REC	3050	Planning and Operating Recreation Areas and Facilities	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(REC 2010 or 200) and 2150 and 2750						
		COURSE DESC:		Provides knowledge and understanding about planning and operating recreation areas and facilities. Focuses on undeveloped natural areas, developed areas, and facilities and maintenance operations.									
EHS	RSP	REC	3050	Planning and Operating Recreation Areas and Facilities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(REC 2010 or 200) and 2150 and 2750						
		COURSE DESC:		Provides knowledge and understanding about planning and operating recreation areas and facilities. Focuses on undeveloped natural areas, developed areas, and facilities and maintenance operations.									
EHS	RSP	REC	3100	Recreation Programming	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(REC 2010 or 200) and 2150 and 2750						
		COURSE DESC:		Concepts and fundamentals of recreation and program planning.									
EHS	RSP	REC	3100	Recreation Programming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(REC 2010 or 200) and 2150 and 2750						
		COURSE DESC:		Concepts and fundamentals of recreation and program planning.									
EHS	RSP	REC	3110	Expedition Planning & Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REC 2150						
		COURSE DESC:		Introduces students to knowledge, skills, and dispositions necessary for effective planning and management of short as well as extended wilderness expeditions. Course topics include goal setting and researching your expedition, training and health considerations, expedition budgeting and finance, logistics and expedition support, transportation and lodging, energy balance and menu planning, equipment, leadership, expedition behavior and communication, and safety and risk management.									
EHS	RSP	REC	3120	Wilderness First Responder	LAB	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	3120	Wilderness First Responder	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	REC	3120	Wilderness First Responder	LEC	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	REC	3120	Wilderness First Responder	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	REC	3130	Fitness and Wellness Programs in Campus Recreation	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines elements in the organization and administration of fitness and wellness programming in campus recreation programs. 2 lec									
EHS	RSP	REC	3160	Social Programming and Special Events in Campus Recreation	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines and applies the concepts of social programming and special events as they relate to collegiate recreation programming. Includes identification of social programming and special event trends, collaborative work with other campus organizations, event planning, budgeting and staffing guidelines, program assessment, and evaluation.									
EHS	RSP	REC	3160	Social Programming and Special Events in Campus Recreation	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines and applies the concepts of social programming and special events as they relate to collegiate recreation programming. Includes identification of social programming and special event trends, collaborative work with other campus organizations, event planning, budgeting and staffing guidelines, program assessment, and evaluation.									
EHS	RSP	REC	3200	Challenge Course Programming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduces students to the facilitation and technical skills needed to safely conduct challenge course programs. Specific topics include challenge course facility design, administration of challenge courses, challenge course equipment and supplies, procedures and techniques used in operating low and high course elements, safety and risk management techniques, rescue techniques, group processing and facilitation techniques, and industry standards.									
EHS	RSP	REC	3210	Canoe Instructor Certification	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner canoeists. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This is an American Canoe Association canoe instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge and teaching competency.									
EHS	RSP	REC	3220	Whitewater Kayak Instructor Certification	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner whitewater kayakers. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This is an American Canoe Association whitewater kayak instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge, and teaching competency.									
EHS	RSP	REC	3230	Swift Water Rescue	LAB	LB	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Teaches recognition and avoidance of common river hazards, execution of self-rescue techniques, and rescue techniques for paddlers in distress. Emphasis is placed both on personal safety and on simple, commonly used skills. Techniques for dealing with hazards that carry greater risks for both victim and rescuer, such as strainers, rescue vest applications, entrapments, and pins, also are practiced. Scenarios will provide an opportunity for participants to practice their skills both individually and within a team/group context.									
EHS	RSP	REC	3240	Outdoor Leadership	LAB	LB	9	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Intensive 25-to-30-day, field-based course designed to help students develop their knowledge and skills as outdoor leaders. The course helps students refine basic wilderness living skills, while developing expertise in specialized modes of wilderness travel. Emphasis is placed on learning the knowledge, skills, and dispositions necessary to conduct safe, enjoyable, and environmentally responsible wilderness-based programs.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	3250	Master Scuba Diver	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1221 The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.									
EHS	RSP	REC	3250	Master Scuba Diver	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 1221 The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.									
EHS	RSP	REC	3270	Coastal Kayak Instructor Certification	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: Permission required CR, PR Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner coastal kayakers. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This an American Canoe Association coastal kayak instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge, and teaching competency.									
EHS	RSP	REC	3400	Environmental Interpretation	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 2150 The art of interpretation is a process of communication, designed to produce both an emotional and intellectual bond between an audience and the cultural and/or natural resources that are the subject of interpretation. Will help students develop an understanding of the principles and techniques necessary for effective interpretation, with a specific focus on interpreting cultural and natural resources in parks and protected areas. Students will design and construct interpretive materials and address how these materials may serve as an important tool in parks and protected areas management.									
EHS	RSP	REC	3460	Parks & Protected Areas Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Provides students with an understanding of the principles and practices of parks and protected areas management.									
EHS	RSP	REC	3460	Parks & Protected Areas Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Provides students with an understanding of the principles and practices of parks and protected areas management.									
EHS	RSP	REC	3490	Recreation Administration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100 Administration, management, and leadership concepts and theories. Foundations of management, principles and procedures of human resource management, understanding of the principles and procedures of budgeting and financial management, and legal foundations.									
EHS	RSP	REC	3510	Recreation Leadership	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 2010 and 2750 Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities.									
EHS	RSP	REC	3510	Recreation Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 2010 and 2750 Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities.									
EHS	RSP	REC	3550	Principles of Ecotourism	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Introduce students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach is the focus of the course. Theory, practice, history, terminology and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility and establishing policies and principles for sustainability are discussed.									
EHS	RSP	REC	3550	Principles of Ecotourism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Introduce students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach is the focus of the course. Theory, practice, history, terminology and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility and establishing policies and principles for sustainability are discussed.									
EHS	RSP	REC	3620	Convention and Event Planning	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (REC 2010 or RHT 1100) and WARNING: Not COMS 4050 or RHT 3620 Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	3620	Convention and Event Planning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (REC 2010 or RHT 1100) and WARNING: Not COMS 4050 or RHT 3620									
EHS	RSP	REC	3700J	Writing for Recreation Studies	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
EHS	RSP	REC	3910	Field Experiences in Recreation	INT	IN	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and REC 2000 and 2150 and 2750									
EHS	RSP	REC	3930	Independent Study	IND	IS	1 to 5	5		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and (Jr or Sr)									
EHS	RSP	REC	4050	Professional Development Seminar	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100									
EHS	RSP	REC	4100	Professional Development in Recreation and Leisure Services Seminar	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100									
EHS	RSP	REC	4100	Professional Development in Recreation and Leisure Services Seminar	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100									
EHS	RSP	REC	4210	Principles of Aging, Physical Activity, and Recreation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
EHS	RSP	REC	4210	Principles of Aging, Physical Activity, and Recreation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
EHS	RSP	REC	4220	Culture and Diversity in Recreation and Leisure	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 2010 and 2750 and (Jr or Sr)									
EHS	RSP	REC	4220	Culture and Diversity in Recreation and Leisure	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 2010 and 2750 and (Jr or Sr)									
EHS	RSP	REC	4350	Management of Campus Recreation Facilities	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: REC 3050									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	4350	Management of Campus Recreation Facilities	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050									
		COURSE DESC:		Examines various aspects of campus recreation facility management including facility planning and design, facility operations, risk management, compliance, and legal liability.									
EHS	RSP	REC	4430	Marketing for Recreation and Leisure Services	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 and jr or sr									
		COURSE DESC:		Application of marketing principles and concepts for the recreation and leisure services industry.									
EHS	RSP	REC	4430	Marketing for Recreation and Leisure Services	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 and jr or sr									
		COURSE DESC:		Application of marketing principles and concepts for the recreation and leisure services industry.									
EHS	RSP	REC	4450	Research and Evaluation Methods in Recreation and Leisure	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050 and 3100 and (PSY 1110 or 2110)									
		COURSE DESC:		This course introduces research and evaluation methods and techniques as they are applied within the field of parks, recreation and leisure studies. Students learn to critically analyze existing research literature, formulate research questions/hypotheses, develop research designs to address specific research questions/hypotheses, collect and analyze data, and report research findings in both oral and written formats.									
EHS	RSP	REC	4500	Issues in Campus Recreation	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2010 and 4350 and (Jr or Sr)									
		COURSE DESC:		Examines and discusses issues affecting the field of campus recreation. Topics include trends, funding, sponsorships, professionalism, student development, service impact, extramural programming, and the role of the National Intramural and Recreational Sports Association (NIRSA) in personal and professional growth.									
EHS	RSP	REC	4550	Administration of Aquatic Facilities	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050									
		COURSE DESC:		Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program.									
EHS	RSP	REC	4550	Administration of Aquatic Facilities	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050									
		COURSE DESC:		Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program.									
EHS	RSP	REC	4560	Ecotourism Destinations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Provides students with opportunities to examine the principles and practices of ecotourism in action through a Study Abroad experience to select ecotourism destinations. Emphasis is placed on the role of sustainable tourism development strategies in minimizing environmental and cultural impacts of tourism, while also promoting the economic development of host communities in these tourism destinations.									
EHS	RSP	REC	4600	Concepts and Issues in Recreation Management	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050 and 3100									
		COURSE DESC:		Study of selected leisure theory and current issues and trends with a strong emphasis on ethics as they pertain to future practices as a professional in the field of recreation management.									
EHS	RSP	REC	4600	Concepts and Issues in Recreation Management	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050 and 3100									
		COURSE DESC:		Study of selected leisure theory and current issues and trends with a strong emphasis on ethics as they pertain to future practices as a professional in the field of recreation management.									
EHS	RSP	REC	4740	Facilitating the Adventure Experience	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2150									
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students will explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	REC	4740	Facilitating the Adventure Experience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2150									
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students will explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	REC	4750	Concepts & Issues in Adventure Programming	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2150 and 3050 and 3100									
		COURSE DESC:		Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for competently engaging in discourse concerning central issues in the field of adventure programming.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	4750	Concepts & Issues in Adventure Programming	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2150 and 3050 and 3100									
		COURSE DESC:		Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for competently engaging in discourse concerning central issues in the field of adventure programming.									
EHS	RSP	REC	4800	Wilderness Literature	SEM	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Abbey, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									
EHS	RSP	REC	4800	Wilderness Literature	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Abbey, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									
EHS	RSP	REC	4850	Concepts & Issues in Adventure Programming	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050 and 3100									
		COURSE DESC:		Students critically analyze selected assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	REC	4850	Concepts & Issues in Adventure Programming	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 3050 and 3100									
		COURSE DESC:		Students critically analyze selected assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	REC	4900	Special Topics in Recreation	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	REC	4900	Special Topics in Recreation	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	RSP	REC	4901	Special Topics in Recreation	SEM	EL	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Special courses and workshops responding to specialized needs and interests; content and credit hours will vary.									
EHS	RSP	REC	4901	Special Topics in Recreation	SEM	SE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Special courses and workshops responding to specialized needs and interests; content and credit hours will vary.									
EHS	RSP	REC	4910	Internship in Recreation	INT	IN	12	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Supervised professional field work experiences in approved program of recreation.									
EHS	RSP	REC	4920	Practicum in Recreation and Leisure	PRA	PR	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Provides the recreation major or professional unique practical experiences related to the discipline of recreation and leisure studies.									
EHS	RSP	REC	5210	Principles of Aging, Physical Activity, and Recreation	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	5210	Principles of Aging, Physical Activity, and Recreation GEC1: A-F REQUISITE: Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	5220	Culture and Diversity in Recreation and Leisure GEC1: A-F REQUISITE: Designed to engage students in critical analyses of various concepts and issues related to culture and diversity in recreation and leisure. Students consider the implications of varying dimensions of diversity for recreation and leisure participation and professional practice.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	5220	Culture and Diversity in Recreation and Leisure GEC1: A-F REQUISITE: Designed to engage students in critical analyses of various concepts and issues related to culture and diversity in recreation and leisure. Students consider the implications of varying dimensions of diversity for recreation and leisure participation and professional practice.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	5240	Outdoor Leadership GEC1: A-F REQUISITE: Permission required Intensive 25-to-30-day, field-based course designed to help students develop their knowledge and skills as outdoor leaders. Helps students refine basic wilderness living skills, while developing expertise in specialized modes of wilderness travel. Emphasis is placed on learning the knowledge, skills, and dispositions necessary to conduct safe, enjoyable, and environmentally responsible wilderness-based programs.	LAB	LB	9	0		I	G40		0
EHS	RSP	REC	5330	Event Planning in Recreation and Leisure Services GEC4: A-F, REQUISITE: Permission required CR, PR Provides students with an opportunity for integrating classroom learning with the practice of event planning in recreational settings.	LEC	EL	3	0		I	G40		0
EHS	RSP	REC	5330	Event Planning in Recreation and Leisure Services GEC4: A-F, REQUISITE: Permission required CR, PR Provides students with an opportunity for integrating classroom learning with the practice of event planning in recreational settings.	LEC	LE	3	0		I	G40		0
EHS	RSP	REC	5400	Environmental Interpretation GEC1: A-F REQUISITE: The art of environmental interpretation is intended to produce both an emotional and intellectual bond between an audience and the cultural and/or natural resources that are the object of interpretation. This course helps students develop an understanding of the principles and techniques necessary for effective environmental interpretation, with a specific focus on forests and other parkland settings. Students design and construct interpretive materials and address how these materials may serve as an important tool in parks and protected areas management, ecotourism and adventure travel, and other contexts in which environmental interpretation is practiced.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	5400	Environmental Interpretation GEC1: A-F REQUISITE: The art of environmental interpretation is intended to produce both an emotional and intellectual bond between an audience and the cultural and/or natural resources that are the object of interpretation. This course helps students develop an understanding of the principles and techniques necessary for effective environmental interpretation, with a specific focus on forests and other parkland settings. Students design and construct interpretive materials and address how these materials may serve as an important tool in parks and protected areas management, ecotourism and adventure travel, and other contexts in which environmental interpretation is practiced.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	5430	Marketing for Recreation & Leisure Services GEC1: A-F REQUISITE: Application of marketing principles and concepts for the recreation and leisure services industry.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	5430	Marketing for Recreation & Leisure Services GEC1: A-F REQUISITE: Application of marketing principles and concepts for the recreation and leisure services industry.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	5460	Parks & Protected Areas Management GEC1: A-F REQUISITE: Provides students with an understanding of the principles and practices of parks and protected areas management.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	5460	Parks & Protected Areas Management GEC1: A-F REQUISITE: Provides students with an understanding of the principles and practices of parks and protected areas management.	LEC	LE	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	5550	Principles of Ecotourism	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach are the focus. Theory, practice, history, terminology, and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility, and establishing policies and principles for sustainability are discussed.									
EHS	RSP	REC	5550	Principles of Ecotourism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach are the focus. Theory, practice, history, terminology, and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility, and establishing policies and principles for sustainability are discussed.									
EHS	RSP	REC	5560	Ecotourism Destinations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides students with opportunities to examine the principles and practices of ecotourism in action through a Study Abroad experience to select ecotourism destinations. Emphasis is placed on the role of sustainable tourism development strategies in minimizing environmental and cultural impacts of tourism, while also promoting the economic development of host communities in these tourism destinations.									
EHS	RSP	REC	5620	Convention & Event Planning	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting. WARNING: not REC 5330 or RHT 5620									
EHS	RSP	REC	5620	Convention & Event Planning	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting. WARNING: not REC 5330 or RHT 5620									
EHS	RSP	REC	5740	Facilitating the Adventure Experience	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	REC	5740	Facilitating the Adventure Experience	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	REC	5800	Wilderness Literature	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Leopold, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									
EHS	RSP	REC	5800	Wilderness Literature	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Leopold, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									
EHS	RSP	REC	5900	Special Topics in Recreation	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	RSP	REC	5900	Special Topics in Recreation	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	RSP	REC	5901	Instructional Experience	CLN	CL	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Supervised practice in organizing and teaching activities in college and recreational settings. Permission required									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	6010	Trends and Global Issues in Recreation and Leisure	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Selected global issues in recreation and research; research reading, discussion analysis, and written reports.									
EHS	RSP	REC	6010	Trends and Global Issues in Recreation and Leisure	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Selected global issues in recreation and research; research reading, discussion analysis, and written reports.									
EHS	RSP	REC	6011	Finance and Marketing in Recreation and Leisure Services	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Examination of financial management and marketing in the public, nonprofit, and commercial sector in recreation and leisure services.									
EHS	RSP	REC	6011	Finance and Marketing in Recreation and Leisure Services	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Examination of financial management and marketing in the public, nonprofit, and commercial sector in recreation and leisure services.									
EHS	RSP	REC	6020	Social Foundations of Recreation and Leisure	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Helps students develop an understanding of the social foundations of recreation and leisure. The writings of historical and contemporary thinkers whose work has contributed to theoretical foundations of recreation and leisure will be examined. Also involves critical analyses of the implicit values and assumptions on which the field of recreation and leisure services is based.									
EHS	RSP	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	LAB	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6170	Leisure and Sport in Society	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Designed to develop an understanding of the role of leisure and sport in human behavior and social interaction. An examination of behavior as it applies to culture, economics, politics, and the media aspects of leisure and sport.									
EHS	RSP	REC	6170	Leisure and Sport in Society	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Designed to develop an understanding of the role of leisure and sport in human behavior and social interaction. An examination of behavior as it applies to culture, economics, politics, and the media aspects of leisure and sport.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	6490	Administration of Recreation and Leisure Services	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Administration of public, non-profit and for-profit recreation and leisure services.									
EHS	RSP	REC	6490	Administration of Recreation and Leisure Services	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Administration of public, non-profit and for-profit recreation and leisure services.									
EHS	RSP	REC	6700	Advanced Issues in Campus Recreation	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Practices, issues, and theories facing supervisors and administrators of collegiate recreation programs. Topics include history, organization, accreditation, and certification(s), assessment, marketing trends, legislative matters, fiscal management, and risk management.									
EHS	RSP	REC	6700	Advanced Issues in Campus Recreation	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Practices, issues, and theories facing supervisors and administrators of collegiate recreation programs. Topics include history, organization, accreditation, and certification(s), assessment, marketing trends, legislative matters, fiscal management, and risk management.									
EHS	RSP	REC	6750	Advanced Concepts & Issues in Adventure Programming	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	REC	6750	Advanced Concepts & Issues in Adventure Programming	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	REC	6800	Philosophy of Experiential Education	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Examines the writings of historical and contemporary thinkers who have contributed to the development of the philosophy of experiential education. In addition to examining the philosophical foundations of experiential education, current literature related to the practice of experiential education will be explored and discussed as well.									
EHS	RSP	REC	6900	Special Topics in Recreation	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	6900	Special Topics in Recreation	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	6920	Practicum	PRA	PR	1 to 6	12		I	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: Permission required PR, F									
				COURSE DESC: Supervised work experience in various recreation settings.									
EHS	RSP	REC	6930	Guided Independent Study	IND	IS	1 to 6	12		I	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR									
				COURSE DESC: Selected areas of study with written report based on research.									
EHS	RSP	REC	6932	Special Problems	IND	EL	1 to 6	12		I	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR									
				COURSE DESC: Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	6932	Special Problems	IND	IS	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									
EHS	RSP	REC	6940	Research Dynamics: Planning and Implementation of the Research Process	RSC	RS	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR A hands-on approach to research; developing the idea, establishing the methodology, collecting data, analyzing the data, and writing the results in publication format.									
EHS	RSP	REC	6941	Research Seminar in Recreation and Leisure	RSC	RS	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Based on the assumption that the best way to learn about research is to directly experience the process of scientific inquiry. Consequently students are expected fulfill various research tasks, including identification of research problems, the development of methods to address these problems, collection and analysis of data, and interpretation of the results. Suitable for students interested in writing a thesis or completing a mentored research project.									
EHS	RSP	REC	6950	Thesis	THE	TH	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Thesis projects.									
EHS	RSP	T3	4710	Sport Aesthetics	LEC	EL	3	0	3	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		An analysis of the aesthetic in sport by viewing various works of art when sport serves as the subject of the artist and by observing sport when sport is the medium for creating aesthetic expression.									
EHS	RSP	T3	4710	Sport Aesthetics	LEC	LE	3	0	3	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		An analysis of the aesthetic in sport by viewing various works of art when sport serves as the subject of the artist and by observing sport when sport is the medium for creating aesthetic expression.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDCR	1010	Democracy and Education	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to CARE Professional Development School Partnership program									
		COURSE DESC:		Orientation to the C.A.R.E. program and to our partner, Federal Hocking Local School District. Explores the many ways in which democracy influences our society and the public lives of our citizens and also explores the theory and practice surrounding democratic teaching practices in public school classrooms. After learning about service learning and how it can incorporate democratic ideals, students will design and implement a service learning project in one of the Federal Hocking elementary schools.									
EHS	TEDU	EDCR	1010	Democracy and Education	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to CARE Professional Development School Partnership program									
		COURSE DESC:		Orientation to the C.A.R.E. program and to our partner, Federal Hocking Local School District. Explores the many ways in which democracy influences our society and the public lives of our citizens and also explores the theory and practice surrounding democratic teaching practices in public school classrooms. After learning about service learning and how it can incorporate democratic ideals, students will design and implement a service learning project in one of the Federal Hocking elementary schools.									
EHS	TEDU	EDCR	2010	Childhood in America: Elementary School	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 1010 and CARE Students only									
		COURSE DESC:		Introduction to children and their characteristics at progressive levels of development. Examines factors that influence children's learning in the schools, such as families, neighborhoods, race, culture, gender, and socioeconomic status. Students examine values and belief systems of themselves and children, as well as identify elements of successful parenting and teaching.									
EHS	TEDU	EDCR	2010	Childhood in America: Elementary School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 1010 and CARE Students only									
		COURSE DESC:		Introduction to children and their characteristics at progressive levels of development. Examines factors that influence children's learning in the schools, such as families, neighborhoods, race, culture, gender, and socioeconomic status. Students examine values and belief systems of themselves and children, as well as identify elements of successful parenting and teaching.									
EHS	TEDU	EDCR	2015	Childhood in America: High School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 1010 and 2010 and CARE Students only									
		COURSE DESC:		Second of two introductions to children and their characteristics at progressive levels of development. Introduces most widely accepted and useful theories of adolescent growth and development for children ages 11-18 years. Introduces factors that influence children's learning, such as school structure, family structures, race, culture, gender, and socioeconomic status. Students examine the value and belief systems of themselves and children, as well as identify elements of successful teaching. Enhances awareness of community, equity and the common good as attributes of democratic education.									
EHS	TEDU	EDCR	2100	Introduction to Teaching in a Democratic Classroom	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 1010 and 2010 and 2015 and CARE Students only									
		COURSE DESC:		Defines and begins to develop the teaching skills necessary for creating and teaching in a democratic classroom. Examines a variety of teaching methods that provide a positive educational climate in which every adolescent is encouraged to meet personal academic challenges. Students encouraged to begin to develop a personal teaching platform and an emerging identity as teacher.									
EHS	TEDU	EDCR	2900	Special Topics in Education - CARE Partnership	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDCR	2900	Special Topics in Education - CARE Partnership	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDCR	3100	Advanced Methods for the Democratic Classroom	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 2100 and CARE Students only									
		COURSE DESC:		PR Building upon skills and knowledge developed in EDCR 2100, helps students to understand and implement additional knowledge and skills necessary for creating and maintaining a democracy-centered classroom. First portion develops the theory, skills and knowledge necessary to implement various experience-based models of instruction. Subsequently, develops skills necessary to differentiate instruction so as to meet the needs of all students. Also develops classroom management skills which support democracy-based practices. Students use the skills and knowledge gained to assist a classroom teacher in their area of concentration to develop and implement a unit of instruction. Includes a field experience and incorporates seminars designed to relate class work to the field experience.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDCR	3100	Advanced Methods for the Democratic Classroom	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 2100 and CARE Students only									
		COURSE DESC:		Building upon skills and knowledge developed in EDCR 2100, helps students to understand and implement additional knowledge and skills necessary for creating and maintaining a democracy-centered classroom. First portion develops the theory, skills and knowledge necessary to implement various experience-based models of instruction. Subsequently, develops skills necessary to differentiate instruction so as to meet the needs of all students. Also develops classroom management skills which support democracy-based practices. Students use the skills and knowledge gained to assist a classroom teacher in their area of concentration to develop and implement a unit of instruction. Includes a field experience and incorporates seminars designed to relate class work to the field experience.									
EHS	TEDU	EDCR	4010	Exhibition in Democratic Education	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCR 2100 and 3100 and CARE Students only									
		COURSE DESC:		Candidates, in collaboration with faculty, students and teachers, design and implement a learning expedition at Federal Hocking Local Schools. Candidates facilitate students from one or more classes in Federal Hocking School District as the public school students research an essential question, develop a project designed to present their findings, select an audience, plan their presentation and write a reflection of their experience. Public school students will present projects developed in the unit to school and community audiences.									
EHS	TEDU	EDCR	4900	Special Topics in Education - CARE Partnership	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDCR	4900	Special Topics in Education - CARE Partnership	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDEC	1001	Introduction to Early Childhood Education	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDEC 1600 or concurrent									
		COURSE DESC:		Overview of the profession of early childhood education and the role of the teacher.									
EHS	TEDU	EDEC	1001	Introduction to Early Childhood Education	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDEC 1600 or concurrent									
		COURSE DESC:		Overview of the profession of early childhood education and the role of the teacher.									
EHS	TEDU	EDEC	1600	Introduction to Child Development	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PSY 2410									
		COURSE DESC:		Fundamental patterns of children's physical, cognitive and social emotional development and behavior beginning prenatally and continuing through adolescence. Examines how these issues and themes of child development have effected and been effected by societal changes in a progressively more connected, diverse and globalized world.									
EHS	TEDU	EDEC	2001	Sophomore Clinical Experience	LAB	LB	1	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Early Childhood Education major, Child Development major, or Child and Family Studies major									
		COURSE DESC:		CR Clinical experience in an early childhood setting that provides an opportunity to interact with children.									
EHS	TEDU	EDEC	2100	Children's Literature and Storytelling in the Early Childhood Classroom	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed for undergraduate candidates seeking licensure in early childhood education for children between the ages of 3 and 8 years. Treats the body of literature by genre, acquaints candidates with the great wealth of tradebooks available for young children, prepares candidates to utilize the literary and artistic criteria for selecting tradebooks and introduces strategies for integrating these tradebooks in the early childhood classroom. Candidates read, think, and talk about the literature of diversity. The history of the oral tradition will be explored through storytelling. The role of literature in the acquisition of literacy is developed.									
EHS	TEDU	EDEC	2100	Children's Literature and Storytelling in the Early Childhood Classroom	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed for undergraduate candidates seeking licensure in early childhood education for children between the ages of 3 and 8 years. Treats the body of literature by genre, acquaints candidates with the great wealth of tradebooks available for young children, prepares candidates to utilize the literary and artistic criteria for selecting tradebooks and introduces strategies for integrating these tradebooks in the early childhood classroom. Candidates read, think, and talk about the literature of diversity. The history of the oral tradition will be explored through storytelling. The role of literature in the acquisition of literacy is developed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	2300	Emergent Mathematics and Science Birth through Five Years ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EDEC 170 or 1001 or HCCF 170) and (EDEC 160 or 1600) Examples of early childhood programs, primary elements and issues that differentiate them. Selection, preparation, presentation, and evaluation of premath and science activities and materials.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEC	2301	Emergent Mathematics and Science Birth through Five Years ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Early childhood education major or child development major Examples of early childhood programs, primary elements and issues that differentiate them. Selection, preparation, presentation, and evaluation of premath and science activities and materials.	LEC	EL	2	0		N	U30		0
EHS	TEDU	EDEC	2301	Emergent Mathematics and Science Birth through Five Years ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Early childhood education major or child development major Examples of early childhood programs, primary elements and issues that differentiate them. Selection, preparation, presentation, and evaluation of premath and science activities and materials.	LEC	LE	2	0		N	U30		0
EHS	TEDU	EDEC	2400	Infant-Toddler Education: Development, Curriculum and Program ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EDEC 1600 or PSY 2410 Provides in-depth information about the physical, social, emotional, cognitive, language development of children from birth to 3 years. Developmentally and individually appropriate practice for infants and toddlers reviewed and discussed. Also theories of infant development as well as typical/atypical patterns explored.	LEC	LE	3	6		N	U30		0
EHS	TEDU	EDEC	2500	Emergent Literacy and Reading ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Education major only Emphasizes the development of reading and literacy from a global view of language, thinking, and learning. Attention given to methods and materials, with emphasis on the use of literacy within the framework of age and individual appropriateness. Emphasis on teaching in the preschool years.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDEC	2500	Emergent Literacy and Reading ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Education major only Emphasizes the development of reading and literacy from a global view of language, thinking, and learning. Attention given to methods and materials, with emphasis on the use of literacy within the framework of age and individual appropriateness. Emphasis on teaching in the preschool years.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEC	2600	Global Early Childhood Education: Programs and Practices ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EDEC 1600 Global Early Childhood Education: Programs and Practices provides an in depth study of global early childhood care and education programs. National and international early care and education programs that focus on the needs of the whole child in a global community are investigated, and include learning in multilingual settings by Dual Language Learners or English Language Learners. Topics discussed in the course include: global perspectives in early childhood education; impact of cultural and linguistic diversity on teaching and learning in globalized multicultural and multilingual early childhood settings; research on literacy and language development, acquisition, and teaching and learning processes; issues and factors of globalization on early childhood care and education; environments that support child and family well being in a global society; and the concept of international child rights.	LEC	LE	2	0	2CP	N	U30		0
EHS	TEDU	EDEC	2900	Special Topics in Education - Early Childhood ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	TEDU	EDEC	2900	Special Topics in Education - Early Childhood ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	TEDU	EDEC	2929	Prekindergarten Associate Practicum Seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EDTE 1500 and 2000 and 2010 and 2020 and EDEC 1600) and (EDEC 3929 concurrently) The Prekindergarten Associate Practicum Seminar provides Child Development Associate Degree Students with information directly related to the EDEC 3929 Practicum, which includes Operating Standards for Ohio Educators, Prekindergarten 2-year Standards for educator preparation from the National Association for the Education of Young Children, and Ohio CORE Guidelines for teachers of children birth until entry into kindergarten. Students engage in reflective practice activities based on their practicum experiences. Information about licensure for the Paraprofessional License and the Prekindergarten Associate License are presented.	SEM	EL	1	0		N	U30		0
EHS	TEDU	EDEC	2929	Prekindergarten Associate Practicum Seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EDTE 1500 and 2000 and 2010 and 2020 and EDEC 1600) and (EDEC 3929 concurrently) The Prekindergarten Associate Practicum Seminar provides Child Development Associate Degree Students with information directly related to the EDEC 3929 Practicum, which includes Operating Standards for Ohio Educators, Prekindergarten 2-year Standards for educator preparation from the National Association for the Education of Young Children, and Ohio CORE Guidelines for teachers of children birth until entry into kindergarten. Students engage in reflective practice activities based on their practicum experiences. Information about licensure for the Paraprofessional License and the Prekindergarten Associate License are presented.	SEM	SE	1	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	3002	Junior Clinical Experiences I	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Admission to Advanced Standing									
		COURSE DESC:		CR Observation and presentation of creative experiences in approved early childhood settings.									
EHS	TEDU	EDEC	3003	Junior Clinical Experiences II	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Admission to Advanced Standing									
		COURSE DESC:		CR Observation and participation in the guidance and classroom management in approved early childhood settings.									
EHS	TEDU	EDEC	3110	Methods of Teaching Reading Grades 1-3	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing and (EDEC 3002 or EDEC 3003) concurrent									
		COURSE DESC:		Provides preparation for teaching developmental reading in grades 1-3. A stage model of literacy is emphasized, along with research-based instructional strategies appropriate to the development of literacy in young children. All forms of literacy (reading, writing, speaking, listening, and viewing) and the way they contribute to the development of proficient reading studied. A literature approach emphasized; however, all literacy methodologies studied.									
EHS	TEDU	EDEC	3110	Methods of Teaching Reading Grades 1-3	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing and (EDEC 3002 or EDEC 3003) concurrent									
		COURSE DESC:		Provides preparation for teaching developmental reading in grades 1-3. A stage model of literacy is emphasized, along with research-based instructional strategies appropriate to the development of literacy in young children. All forms of literacy (reading, writing, speaking, listening, and viewing) and the way they contribute to the development of proficient reading studied. A literature approach emphasized; however, all literacy methodologies studied.									
EHS	TEDU	EDEC	3120	Observing Young Children for Reading Strategies and Skills	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing and EDEC 3110 and (EDEC 3002 or 3003 or concurrent) and Jr									
		COURSE DESC:		Learn to observe children, keep running records, and conduct an informal reading inventory. Appropriate instruction is based on these assessment procedures. Learn to record results for reporting to parents and other appropriate adults. Candidates work with a single student, but emphasis placed on how this information can be used in the classroom. Content expands on information presented in EDTE 2200, EDEC 2500, and EDEC 3110.									
EHS	TEDU	EDEC	3120	Observing Young Children for Reading Strategies and Skills	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing and EDEC 3110 and (EDEC 3002 or 3003 or concurrent) and Jr									
		COURSE DESC:		Learn to observe children, keep running records, and conduct an informal reading inventory. Appropriate instruction is based on these assessment procedures. Learn to record results for reporting to parents and other appropriate adults. Candidates work with a single student, but emphasis placed on how this information can be used in the classroom. Content expands on information presented in EDTE 2200, EDEC 2500, and EDEC 3110.									
EHS	TEDU	EDEC	3300	Teaching Mathematics in Early Childhood P-3	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced standing and EDEC 2301 and (EDEC 3002 or EDEC 3003 concurrent) and (Jr or Sr)									
		COURSE DESC:		Examination of methods and materials appropriate for teaching mathematics to young children. Emphasis placed on using developmentally appropriate experiences to provide for diversity of learners, including those with disabilities.									
EHS	TEDU	EDEC	3400	Teaching Science in Early Childhood P-3	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing and EDEC 3002 or EDEC 3003 concurrent									
		COURSE DESC:		Emphasis on constructivist science teaching through hands-on inquiring processes. National standards examined and applied. Science equipment, instructional resources and technology, and safety procedures emphasized.									
EHS	TEDU	EDEC	3500	Teaching Early Childhood Social Studies	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Advanced Standing and 2.75 GPA and (EDEC 3002 or 3003 concurrent)									
		COURSE DESC:		Focuses on both the content of social studies for early childhood education, consistent with state and national social studies standards, and the instructional processes to be used to engage children by connecting social studies with concepts such as families, community, and how we live. Through use of story, structured discussion, inquiry and democratic processes, presents the prospective early childhood teacher with both the approach to content and the choices of instructional approaches to teach social studies in classrooms for young children.									
EHS	TEDU	EDEC	3500	Teaching Early Childhood Social Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Advanced Standing and 2.75 GPA and (EDEC 3002 or 3003 concurrent)									
		COURSE DESC:		Focuses on both the content of social studies for early childhood education, consistent with state and national social studies standards, and the instructional processes to be used to engage children by connecting social studies with concepts such as families, community, and how we live. Through use of story, structured discussion, inquiry and democratic processes, presents the prospective early childhood teacher with both the approach to content and the choices of instructional approaches to teach social studies in classrooms for young children.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	3610	Guidance and Classroom Management in Early Childhood GEC1: A-F REQUISITE: EDEC 2001 concurrent and C or better in (EDEC 1600 or PSY 2410) Application of theories and principles or early childhood guidance and discipline.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDEC	3610	Guidance and Classroom Management in Early Childhood GEC1: A-F REQUISITE: EDEC 2001 concurrent and C or better in (EDEC 1600 or PSY 2410) Application of theories and principles or early childhood guidance and discipline.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEC	3611	Guidance and Management in the Primary Classroom GEC1: A-F REQUISITE: EDEC 3610 Appropriate guidance and management techniques in the K-3rd grade classroom. Other issues that children face during these formative years such as childhood depression, trauma, child abuse and neglect and school related stress will be examined	LEC	EL	2	0		N	U30		0
EHS	TEDU	EDEC	3611	Guidance and Management in the Primary Classroom GEC1: A-F REQUISITE: EDEC 3610 Appropriate guidance and management techniques in the K-3rd grade classroom. Other issues that children face during these formative years such as childhood depression, trauma, child abuse and neglect and school related stress will be examined	LEC	LE	2	0		N	U30		0
EHS	TEDU	EDEC	3700	Diversity in Early Childhood Education GEC1: A-F REQUISITE: C or better in (EDEC 1001 and 1600) and admission to the Early Childhood Education program Focuses on increasing awareness, sensitivity and understanding of and responsiveness to children and families from diverse cultural, ethnic, linguistic, religious, and family backgrounds. Students complete an approved service project in diverse settings.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEC	3701	Diversity in Early Childhood Education GEC1: A-F REQUISITE: Early Education major and (EDEC 1001 and 1600) and EDEC 2001 concurrently Focuses on increasing awareness, sensitivity and understanding of and responsiveness to children and families from diverse cultural, ethnic, linguistic, religious, and family backgrounds. Students complete an approved service project in diverse settings.	LEC	EL	2	0		N	U30		0
EHS	TEDU	EDEC	3701	Diversity in Early Childhood Education GEC1: A-F REQUISITE: Early Education major and (EDEC 1001 and 1600) and EDEC 2001 concurrently Focuses on increasing awareness, sensitivity and understanding of and responsiveness to children and families from diverse cultural, ethnic, linguistic, religious, and family backgrounds. Students complete an approved service project in diverse settings.	LEC	LE	2	0		N	U30		0
EHS	TEDU	EDEC	3801	Play and Creativity in Early Childhood Education GEC1: A-F REQUISITE: (EDEC 170 or 1001 or HCCF 170) or concurrent and C or better in EDEC 1600 Examines theories of play and creative expression in early childhood education. Candidates have the opportunity to develop an awareness of and an appreciation for their own creative abilities, creative teaching, and play and creative expression in children's learning and curriculum experiences. Candidates plan, implement, and evaluate learning experiences for play and the creative arts, for children age 3 to grade 3, with emphasis on integrating play, art, construction, music, movement, dance, and drama with content standards throughout the curriculum.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEC	3929	Practicum in Early Childhood Education GEC1: A-F REQUISITE: EDEC 2300 and 3610 Lab experience in assisting the planning, guiding, supervising, and evaluating preschool children's growth and behavior in all phases of early childhood education programs. Required for students in the associate's degree program. Minimum of 300 contact hours in an infant, toddler, or PK setting.	PRA	PR	6	0		N	U30		0
EHS	TEDU	EDEC	4004	Senior Practicum in Curriculum Development GEC2: A-F, REQUISITE: EDEC 3003 and 3400 and 3500 PR Supervised lesson planning and teaching in early childhood classrooms serving children age 3 to grade 3.	LAB	EL	1	0		N	U30		0
EHS	TEDU	EDEC	4004	Senior Practicum in Curriculum Development GEC2: A-F, REQUISITE: EDEC 3003 and 3400 and 3500 PR Supervised lesson planning and teaching in early childhood classrooms serving children age 3 to grade 3.	LAB	LB	1	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	4100	Family, School and Community	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in EDEC 1600 and Jr or Sr Provides the knowledge necessary to understand how children are affected by the ecology of the family, school, and community. Stresses the importance of the parent-teacher relationship in the school.									
EHS	TEDU	EDEC	4200	Philosophy and Theories of Child Development and Education	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in EDEC 1600 and Jr or Sr This course provides students opportunities to learn how to write effectively in any context or medium while investigating current models, issues and trends in early childhood education. In learning to write under formal instruction one needs to have a framework for thinking, reflecting and talking about writing. Students will use technology to support writing across a broad range of topics as they synthesize philosophies and theories of child development. 25% of this course will be focused on developing writing in a writing intensive format.									
EHS	TEDU	EDEC	4200	Philosophy and Theories of Child Development and Education	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in EDEC 1600 and Jr or Sr This course provides students opportunities to learn how to write effectively in any context or medium while investigating current models, issues and trends in early childhood education. In learning to write under formal instruction one needs to have a framework for thinking, reflecting and talking about writing. Students will use technology to support writing across a broad range of topics as they synthesize philosophies and theories of child development. 25% of this course will be focused on developing writing in a writing intensive format.									
EHS	TEDU	EDEC	4300	Authentic Assessment in Early Childhood Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		EDEC 2301 and (EDEC 3002 or EDEC 3003 concurrent) Addresses documenting and assessing children's cognitive and academic learning and their social, emotional, and physical development. Introduces a variety of observational strategies for data collecting as well as strategies for compiling, summarizing, interpreting and ethically using assessment information for authentic assessment. Knowledge of both authentic and formal assessment and issues involved in such assessments explored.									
EHS	TEDU	EDEC	4500	Principles and Practice of Curriculum in Early Childhood	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Admission to Advanced Standing and EDEC 2301 Synthesis of early childhood curriculum content, teaching strategies, and decision-making processes in curriculum development and implementation.									
EHS	TEDU	EDEC	4900	Special Topics in Education - Early Childhood	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEC	4900	Special Topics in Education - Early Childhood	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEC	6110	Collaboration with Families, Colleagues, and the Community	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Collaboration with Families, Colleagues, and the Community provides students with the ability and knowledge to effectively collaborate and create partnerships with families, colleagues, and community agencies to improve programs, services, and outcomes for young children with and without disabilities. Students develop an understanding of ethical responsibilities to children and families while supporting families in decisions that affect their child utilizing culturally responsive practices. Students acquire strategies for developing positive and supportive relationships with families and connecting families to resources and support networks.									
EHS	TEDU	EDEC	6310	Early Childhood Curricula and Methods	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Early Childhood Curriculum and Methods is a course in which students gain knowledge and skills to work with young children between the ages of 0 to 8 years who have typical or atypical development. Students acquire knowledge and skills in various curricular approaches, models of teaching, instructional methods, and programs that have an empirical base of effectiveness for young children. Students explore the relationships among curriculum, learning opportunities, and contextual variables on children's learning and development.									
EHS	TEDU	EDEC	6640	Advanced Child Development	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,					REQUISITE:				
		COURSE DESC:		PR Major issues in child development examined in light of current research and theoretical formulations. Cognitive and social-emotional development, the role of early experience, language acquisition, the origin and importance of play, moral development, and media influences examined from several theoretical points of view, including learning theory, social cognitive theory, Piagetian and Vygotskian constructivism, ecological systems theory, and psychoanalysis.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	6900	Special Topics in Education - Early Childhood	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	TEDU	EDEC	6900	Special Topics in Education - Early Childhood	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	TEDU	EDEC	6920	Graduate Practicum I: Early Childhood Education and Early Childhood Special Education	PRA	PR	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practicum I in Early Childhood Education and Early Childhood Special Education is a practical, field-based learning experience involving classroom observations, lesson planning, and teaching of young children with and without disabilities. Students focus on addressing content standards through thematic lessons and utilizing positive behavior intervention and support to address challenging behavior in early childhood environments. Students complete 60 hours of fieldwork throughout the semester in an approved early childhood education or early childhood special education placement.									
EHS	TEDU	EDEC	6920	Graduate Practicum I: Early Childhood Education and Early Childhood Special Education	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practicum I in Early Childhood Education and Early Childhood Special Education is a practical, field-based learning experience involving classroom observations, lesson planning, and teaching of young children with and without disabilities. Students focus on addressing content standards through thematic lessons and utilizing positive behavior intervention and support to address challenging behavior in early childhood environments. Students complete 60 hours of fieldwork throughout the semester in an approved early childhood education or early childhood special education placement.									
EHS	TEDU	EDEL	2000	Studies of Children and Adolescents	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Human Development & Curriculum Studies									
		COURSE DESC:		Study of major theories of learning and human development as applied for school-age children in classroom learning environments. Primary focus on foundational knowledge of theory and research on motivation, cognition, instructional strategies, social processes, classroom management, and assessment of student learning.									
EHS	TEDU	EDEL	2000	Studies of Children and Adolescents	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Human Development & Curriculum Studies									
		COURSE DESC:		Study of major theories of learning and human development as applied for school-age children in classroom learning environments. Primary focus on foundational knowledge of theory and research on motivation, cognition, instructional strategies, social processes, classroom management, and assessment of student learning.									
EHS	TEDU	EDEL	2900	Special Topics in Education - Elementary	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEL	2900	Special Topics in Education - Elementary	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEL	3500	Teaching Social Studies in Elementary and Middle Grade Classrooms	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced standing in professional education									
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									
EHS	TEDU	EDEL	3500	Teaching Social Studies in Elementary and Middle Grade Classrooms	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced standing in professional education									
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEL	3500	Teaching Social Studies in Elementary and Middle Grade Classrooms GEC1: A-F REQUISITE: Advanced standing in professional education COURSE DESC: Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDEL	3500	Teaching Social Studies in Elementary and Middle Grade Classrooms GEC1: A-F REQUISITE: Advanced standing in professional education COURSE DESC: Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEL	4000	Advanced Studies of Children and Adolescents GEC1: A-F REQUISITE: COURSE DESC: Examines knowledge bases for development through adolescence, including principles of development and predictable sequences of development in physical, psycho-motor, cognitive, social, emotional and moral reasoning domains. Inquiry approaches suitable for systematic observation of child behavior, child study and/or learning in mathematics, science or social studies content areas also developed.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDEL	4000	Advanced Studies of Children and Adolescents GEC1: A-F REQUISITE: COURSE DESC: Examines knowledge bases for development through adolescence, including principles of development and predictable sequences of development in physical, psycho-motor, cognitive, social, emotional and moral reasoning domains. Inquiry approaches suitable for systematic observation of child behavior, child study and/or learning in mathematics, science or social studies content areas also developed.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEL	4070	Assessment in the Elementary School GEC1: A-F REQUISITE: 16 HRS in EDUC COURSE DESC: Study of formative and summative assessment processes and tools available for use in elementary and middle level classrooms. Focus on use of data and evidence to inform lesson planning and instruction.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDEL	4070	Assessment in the Elementary School GEC1: A-F REQUISITE: 16 HRS in EDUC COURSE DESC: Study of formative and summative assessment processes and tools available for use in elementary and middle level classrooms. Focus on use of data and evidence to inform lesson planning and instruction.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDEL	4370	Teaching Mathematics to Fourth and Fifth Graders GEC1: A-F REQUISITE: COURSE DESC: Prepares candidates with primary licensure to teach mathematics on a 4th and 5th grade level. Preparation to teach all mathematics content from the Ohio Academic Content Standards for Mathematics grades 4 and 5 while demonstrating knowledge of teaching and learning in developmentally appropriate ways that help students attain conceptual knowledge in preparation for obtaining the endorsement.	LEC	EL	2	0		N	U30		0
EHS	TEDU	EDEL	4370	Teaching Mathematics to Fourth and Fifth Graders GEC1: A-F REQUISITE: COURSE DESC: Prepares candidates with primary licensure to teach mathematics on a 4th and 5th grade level. Preparation to teach all mathematics content from the Ohio Academic Content Standards for Mathematics grades 4 and 5 while demonstrating knowledge of teaching and learning in developmentally appropriate ways that help students attain conceptual knowledge in preparation for obtaining the endorsement.	LEC	LE	2	0		N	U30		0
EHS	TEDU	EDEL	4480	Teaching Science to Fourth and Fifth Graders GEC1: A-F REQUISITE: Admission to the early childhood generalist endorsement COURSE DESC: Designed to prepare 4th- and 5th-grade endorsement candidates with a broad-based understanding of central issues involved in the learning and teaching of 4th and 5th grade science. Involves an exploration of the nature of knowledge in science and what it means to think like a scientist as early childhood teachers ask questions and explore the nature world.	LEC	EL	2	0		N	U30		0
EHS	TEDU	EDEL	4480	Teaching Science to Fourth and Fifth Graders GEC1: A-F REQUISITE: Admission to the early childhood generalist endorsement COURSE DESC: Designed to prepare 4th- and 5th-grade endorsement candidates with a broad-based understanding of central issues involved in the learning and teaching of 4th and 5th grade science. Involves an exploration of the nature of knowledge in science and what it means to think like a scientist as early childhood teachers ask questions and explore the nature world.	LEC	LE	2	0		N	U30		0

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEL	4560	Teaching Social Studies to Fourth and Fifth Graders	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Required social studies component leading to the Ohio Early Childhood Generalist Endorsement (grades 4 and 5). Prepares early childhood educators to teach social studies for grades 4 and 5. Presents the middle childhood philosophy of learning and teaching; illustrates how to plan effective, developmentally appropriate, and differentiated middle childhood learning experiences and; know how to assess student learning.									
EHS	TEDU	EDEL	4560	Teaching Social Studies to Fourth and Fifth Graders	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Required social studies component leading to the Ohio Early Childhood Generalist Endorsement (grades 4 and 5). Prepares early childhood educators to teach social studies for grades 4 and 5. Presents the middle childhood philosophy of learning and teaching; illustrates how to plan effective, developmentally appropriate, and differentiated middle childhood learning experiences and; know how to assess student learning.									
EHS	TEDU	EDEL	4900	Special Topics in Education - Elementary	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEL	4900	Special Topics in Education - Elementary	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDEL	5150	Teaching Reading and Language Arts to Fourth and Fifth Graders	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach reading and all areas of language arts included in the Ohio Academic Content Standards for Grades 4 and 5, based on a sound understanding of child development and literacy learning processes. This course also fulfills partial requirements for candidacy for the Early Childhood Generalist Endorsement through the Ohio Department of Education.									
EHS	TEDU	EDEL	5150	Teaching Reading and Language Arts to Fourth and Fifth Graders	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach reading and all areas of language arts included in the Ohio Academic Content Standards for Grades 4 and 5, based on a sound understanding of child development and literacy learning processes. This course also fulfills partial requirements for candidacy for the Early Childhood Generalist Endorsement through the Ohio Department of Education.									
EHS	TEDU	EDEL	5370	Teaching Mathematics to Fourth and Fifth Graders	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach mathematics in 4th and 5th grade classrooms, based on sound understandings of child development, knowledge of the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching license.									
EHS	TEDU	EDEL	5370	Teaching Mathematics to Fourth and Fifth Graders	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach mathematics in 4th and 5th grade classrooms, based on sound understandings of child development, knowledge of the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching license.									
EHS	TEDU	EDEL	5480	Teaching Science to Fourth and Fifth Graders	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach all areas of Science in fourth and fifth grade classrooms, based on a sound understanding of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education portion of requirements for the Early Childhood Generalist Endorsement.									
EHS	TEDU	EDEL	5480	Teaching Science to Fourth and Fifth Graders	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach all areas of Science in fourth and fifth grade classrooms, based on a sound understanding of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education portion of requirements for the Early Childhood Generalist Endorsement.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEL	5560	Teaching Social Studies to Fourth and Fifth Graders	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach social studies in 4th and 5th grade classrooms, based on sound understandings of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Social Studies Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching License.									
EHS	TEDU	EDEL	5560	Teaching Social Studies to Fourth and Fifth Graders	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to teach social studies in 4th and 5th grade classrooms, based on sound understandings of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Social Studies Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching License.									
EHS	TEDU	EDEL	5790	Integrated Methods and Field Experience	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	EDEL	5790	Integrated Methods and Field Experience	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	EDEL	5790	Integrated Methods and Field Experience	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	EDEL	5900	Special Topics in Education - Elementary	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	TEDU	EDEL	5900	Special Topics in Education - Elementary	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
EHS	TEDU	EDHP	2000	Studies of Children	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Teacher Candidacy						
		COURSE DESC:		Focuses on human development stages in children as encountered in educational settings.									
EHS	TEDU	EDHP	2000	Studies of Children	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Teacher Candidacy						
		COURSE DESC:		Focuses on human development stages in children as encountered in educational settings.									
EHS	TEDU	EDHP	2010	Introduction to Applied Research	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to COE honors program						
		COURSE DESC:		Teaches how to employ a qualitative case study design. Explores what a qualitative case study is, the different kinds of case studies, and how to design, collect data and analyze a case study. Built upon a foundation of understanding qualitative research and applying that knowledge and developing, implementing and completing a qualitative case study.									
EHS	TEDU	EDHP	2010	Introduction to Applied Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to COE honors program						
		COURSE DESC:		Teaches how to employ a qualitative case study design. Explores what a qualitative case study is, the different kinds of case studies, and how to design, collect data and analyze a case study. Built upon a foundation of understanding qualitative research and applying that knowledge and developing, implementing and completing a qualitative case study.									
EHS	TEDU	EDHP	2700	Learning Processes in the Classroom	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on the major aspects of learning theories, their implications, and applications to classroom situations as well as aspects of measurement and evaluation.									
EHS	TEDU	EDHP	2700	Learning Processes in the Classroom	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on the major aspects of learning theories, their implications, and applications to classroom situations as well as aspects of measurement and evaluation.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDHP	2820	Ideas and Inquiry in Education	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		This course in the College of Education Honors Program is designed to induct students into the culture and outlook of education research. Key content deals with skepticism and doubt, the relationship of ideas to empirically grounded constructs, the relevance of theory and critique, and some issues in the practice of systematic empirical inquiry. The course includes readings, discussions, films, relevant writing exercises and an early opportunity to engage in actual research.									
EHS	TEDU	EDHP	2820	Ideas and Inquiry in Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		This course in the College of Education Honors Program is designed to induct students into the culture and outlook of education research. Key content deals with skepticism and doubt, the relationship of ideas to empirically grounded constructs, the relevance of theory and critique, and some issues in the practice of systematic empirical inquiry. The course includes readings, discussions, films, relevant writing exercises and an early opportunity to engage in actual research.									
EHS	TEDU	EDHP	3530	Issues in Rural Education	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Introduction to rural education and on the social, economic, and political influences on rural schools. Two current issues, consolidation and youth out migration, will be considered in depth. Key concepts include place, community, lifeworld, family, and cosmopolitanism.									
EHS	TEDU	EDHP	3530	Issues in Rural Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Introduction to rural education and on the social, economic, and political influences on rural schools. Two current issues, consolidation and youth out migration, will be considered in depth. Key concepts include place, community, lifeworld, family, and cosmopolitanism.									
EHS	TEDU	EDHP	3930J	Undergraduate Research Project	IND	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Involves the study and application of action research as applied to issues and problems encountered in the schooling arena, including both schools and other community-based institutions that serve educative purposes and/or otherwise contribute to the schooling endeavor. Candidates will be responsible for assessing and improving their classroom instruction as professionals by gaining greater insight into the nature of action research and how it can inform practice.									
EHS	TEDU	EDHP	3930J	Undergraduate Research Project	IND	IS	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Involves the study and application of action research as applied to issues and problems encountered in the schooling arena, including both schools and other community-based institutions that serve educative purposes and/or otherwise contribute to the schooling endeavor. Candidates will be responsible for assessing and improving their classroom instruction as professionals by gaining greater insight into the nature of action research and how it can inform practice.									
EHS	TEDU	EDHP	4010	Multicultural Field Experience	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE: Admission to COE honors program				
		COURSE DESC:		CR Provides opportunities to work with students in a multicultural setting.									
EHS	TEDU	EDHP	4610	Introduction to Differentiation in Education	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Broad objective of course is for each participant to develop knowledge of major concepts for differentiation in education and to demonstrate this knowledge through creation of lesson plans.									
EHS	TEDU	EDHP	4610	Introduction to Differentiation in Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to COE honors program				
		COURSE DESC:		Broad objective of course is for each participant to develop knowledge of major concepts for differentiation in education and to demonstrate this knowledge through creation of lesson plans.									
EHS	TEDU	EDMC	2300	Introduction to Teaching Middle Childhood Mathematics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Admission to Teacher Candidacy				
		COURSE DESC:		Students learn about the foundations of research-based approaches to teaching middle grades mathematics. They experience learning mathematics through rich problems that encourage multiple strategies, analyze children's ways of solving similar problems, and develop lessons that align to current educational standards and research recommendations. There is a strong emphasis on understanding the relationship between mathematics, children's lives, and real-world issues.									
EHS	TEDU	EDMC	3000	Introduction to Middle Childhood Education	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: EDTE 2000 and 2010 and 2020 and Admission to Advanced Standing and 2.75 GPA				
		COURSE DESC:		Introduction to middle childhood education. Classroom activities, readings, field experiences, and other activities designed develop an understanding of young adolescents, middle schools, and a personal philosophy of middle childhood education.									
EHS	TEDU	EDMC	3000	Introduction to Middle Childhood Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: EDTE 2000 and 2010 and 2020 and Admission to Advanced Standing and 2.75 GPA				
		COURSE DESC:		Introduction to middle childhood education. Classroom activities, readings, field experiences, and other activities designed develop an understanding of young adolescents, middle schools, and a personal philosophy of middle childhood education.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDMC	3010	Curriculum Development in Middle Childhood	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Focuses on developing a deep understanding of pedagogy and curriculum development for middle childhood learners with an emphasis on planning and instruction, assessment, curriculum design, standards, and professional collaboration.									
EHS	TEDU	EDMC	3100	Teaching Middle Childhood Language Arts	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Provides basic information in language development, oral and written language, and language mechanics. Provides strategies for teaching the language modes through an integrated approach. Stresses assessment in authentic settings.									
EHS	TEDU	EDMC	3100L	Teaching Middle Childhood Language Arts - Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Field experience in 4th-9th grade classrooms to apply theory and methods learned in EDMC 3100.									
EHS	TEDU	EDMC	3210	Children's Literature for Middle Childhood	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Designed for candidates in teacher education seeking licensure in middle childhood (4th-9th grades). Treats the body of literature by genre. Various techniques for utilizing children's literature in middle childhood school settings included.									
EHS	TEDU	EDMC	3300	Teaching Middle Childhood Mathematics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Candidates engage with the principles and beliefs of reform-based efforts in mathematics to increase the content knowledge and mathematical thinking of students at the middle grades level. Candidates will create lesson plans and teaching units of mathematically-rich problems that encourage the development of multiple solution paths, the use of manipulatives, the adaptation of instruction to engage multiple learning styles, the use of technology, the development of teaching skills and dispositions based upon student collaboration and interaction, and the explication and probing of students' mathematical thinking through shared classroom discourse.									
EHS	TEDU	EDMC	3300L	Teaching Middle Childhood Mathematics - Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Field experience in the 4th-9th grade classroom to apply theory and methods learned in EDMC 3300.									
EHS	TEDU	EDMC	3400	Teaching Middle Childhood Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Emphasis on concepts and inquiry processes for middle childhood students. Topics include scientific literacy; applied constructivist learning theory; multicultural, gender, and exceptional learner equity practices; authentic assessment of the middle-level learner; safety and classroom management; uses of curriculum supplements and multimedia resources; effective questioning skills; and selection of appropriate uses of texts and demonstration.									
EHS	TEDU	EDMC	3400L	Teaching Middle Childhood Science - Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Field experience in 4th-9th grade classroom to apply theory and methods learned in EDMC 3400.									
EHS	TEDU	EDMC	3500	Teaching Middle Childhood Social Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		The foundation of social studies is to help students develop new understandings of the world through discourse and activities that emphasize applications to authentic issues of human society. Problem solving, critical thinking and analysis, negotiation and collaboration are part of the teaching of social studies content. Using national and state standards, course emphasizes integrated social studies for curriculum organization in grades 4-9.									
EHS	TEDU	EDMC	3500L	Teaching Middle Childhood Social Studies - Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Field experience in 4th-9th grade classroom to apply theory and methods learned in EDMC 3500.									
EHS	TEDU	EDMC	4900	Special Topics in Education - Middle Childhood	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDMC	4900	Special Topics in Education - Middle Childhood	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	1000	Freshman Early Field Experience	LAB	LB	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Admission to COE honors program CR									
		COURSE DESC:		Field experience for freshmen.									
EHS	TEDU	EDPL	2900	Special Topics in Education - Professional Laboratory	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	2900	Special Topics in Education - Professional Laboratory	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	3600	Field Experience	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Advanced standing in professional education CR									
		COURSE DESC:		Observation and participation in elementary, middle and high schools.									
EHS	TEDU	EDPL	3610	Field Service in Education	LAB	LB	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Advanced standing in professional education PR, F									
		COURSE DESC:		Participation in community agencies, summer camps, recreation programs, Head Start, and various school-related programs.									
EHS	TEDU	EDPL	3920	Partnership Practicum	PRA	PR	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Advanced standing in professional education PR, F									
		COURSE DESC:		Students complete early practicum experiences in elementary, middle and high school classrooms. Students observe classrooms, teach lessons, assess K-12 students, and differentiate instruction.									
EHS	TEDU	EDPL	4560	Professional Internship in Music Education	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (EDPL 4570 and 4650 concurrent) and admission to professional internship in teaching CR									
		COURSE DESC:		Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - 12. Required of all music education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4570	Professional Internship in Music Education	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (EDPL 4560 and 4650 concurrent) and admission to professional internship in teaching CR									
		COURSE DESC:		Continuation of EDPL 4560. Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - 12. Required of all music education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4580	Professional Internship in Early Childhood	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: (EDPL 4590 and 4650 concurrent) and admission to professional internship in teaching PR, F									
		COURSE DESC:		Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - grade 3. Required of all early childhood education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4590	Professional Internship in Early Childhood	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (EDPL 4580 and 4650 concurrent) and admission to professional internship in teaching CR									
		COURSE DESC:		Continuation of EDPL 4580. Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - grade 3. Required of all early childhood education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4600	Observation and Participation in Elementary, Middle and High Schools	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Extensive participation in school program extending over period of one semester, designed primarily for students with some classroom teaching experience, especially students from other countries.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	4610	Professional Internship in Middle Childhood	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: ((EDPL 4620 and 4650 concurrent) or (EDPL 4630 and 4650)) and admission to professional internship in teaching									
		COURSE DESC:		Assigned responsibility for teaching under the supervision of a cooperating teacher, grade 4-9. Required of all middle childhood education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4620	Professional Internship in Middle Childhood	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: (EDPL 4610 and 4650 concurrent) and admission to professional internship in teaching									
		COURSE DESC:		Continuation of EDPL 4610. Assigned responsibility for teaching under the supervision of a cooperating teacher, grade 4-9. Required of all middle childhood education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4630	Professional Internship in Adolescence to Young Adult	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: ((EDPL 4610 and 4650 concurrent) or (EDPL 4640 and 4650 concurrent)) and admission to professional internship in teaching									
		COURSE DESC:		Assigned responsibility for teaching under the supervision of a cooperating teacher, grade 7-12. Required of all adolescence to young adult education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4640	Professional Internship in Adolescence to Young Adult	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: (EDPL 4630 and 4650 concurrent) and admission to professional internship in teaching									
		COURSE DESC:		Continuation of EDPL 4630. Assigned responsibility for teaching under the supervision of a cooperating teacher, grade 7-12. Required of all adolescence to young adult education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4650	Professional Internship Seminar	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (EDPL (4580 and 4590) or (4610 and 4620) or (4610 and 4630) or (4630 and 4640) or (4560 and 4570)) concurrent and admission to professional internship in teaching									
		COURSE DESC:		Capstone seminar in which teacher candidates demonstrate data-based instructional practices and reflection as they are concurrently completing their professional internship under the direction of a cooperating teacher and university supervisor. Through planning and independent teaching an extensive unit of instruction, candidates document synthesis through the completion of the edTPA. Allows candidates to demonstrate culminating knowledge, skills and dispositions acquired through course work in professional education as well as required content course work across the university.									
EHS	TEDU	EDPL	4660	Professional Internship for Advanced Candidates	LAB	LB	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Supervised observation, participation, and limited teaching; open to candidates with a minimum of 3 years of prior teaching experience.									
EHS	TEDU	EDPL	4670	Early Childhood Pre-Primary Internship Seminar	SEM	SE	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDPL 4910 concurrent									
		COURSE DESC:		Seminar for the pre-primary internship student teaching experience									
EHS	TEDU	EDPL	4900	Special Topics in Education - Professional Laboratory	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	4900	Special Topics in Education - Professional Laboratory	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	4910	Professional Internship in Early Childhood	INT	IN	6	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDPL 4670 concurrent and Admission to Professional Internship									
		COURSE DESC:		Assigned responsibility for teaching under supervision of master teacher in classroom in infant toddler and/or preschool for one semester, half-day. Concurrent registration for EDPL 4670									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	5600	Internship in Education	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses CR, PR									
		COURSE DESC:		Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full time.									
EHS	TEDU	EDPL	5610	Internship in Education	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses CR, PR									
		COURSE DESC:		Continuation of EDPL 5600. Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one quarter, full time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as a classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor.									
EHS	TEDU	EDPL	5620	Professional Internship	LAB	LB	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDPL 5630 and 5650) or concurrent CR, PR									
		COURSE DESC:		Assigned responsibility for teaching under the supervision of a cooperating teacher. Required of all graduate education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	5630	Professional Internship	LAB	LB	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDPL 5620 and 5650) or concurrent CR, PR									
		COURSE DESC:		Continuation of EDPL 5620. Assigned responsibility for teaching under the supervision of a cooperating teacher. Required of all graduate education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	5650	Professional Internship Seminar	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (EDPL 5620 and 5630) or concurrent PR									
		COURSE DESC:		Seminar to accompany graduate level student teaching. Part of the masters in secondary education program with teacher certification. Seminar processes student teaching experience.									
EHS	TEDU	EDPL	5700	Supervision of Professional Interns	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Principles and techniques in supervision of student teaching and other professional laboratory experiences. Designed primarily to prepare public school teachers and college instructors for more effective supervision.									
EHS	TEDU	EDPL	5900	Special Topics in Education - Professional Laboratory	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	5900	Special Topics in Education - Professional Laboratory	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDPL	6900	Special Topics in Education - Professional Laboratory	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.									
EHS	TEDU	EDPL	6910	Seminar in Education	INT	IN	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores research in teaching. Can be used as preparatory seminar to EDPL 6920.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	6920	Internship: Theory Into Practice	PRA	PR	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Theory into practice internship based upon research findings in EDTE 6910.									
EHS	TEDU	EDPL	6936	Field Experience in Teaching Physical Education K-12	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: EDTE 6936 concurrent									
		COURSE DESC:		Prepares prospective physical education K-12 teachers. School observations, creating teaching units and teaching lessons. Experiential based on successful completion of teaching units and teaching lessons.									
EHS	TEDU	EDPL	7600	Internship in Education	LAB	LB	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses									
		COURSE DESC:		Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full-time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor. Weekly seminar conducted by college staff and public school associates.									
EHS	TEDU	EDPL	7610	Internship in Education	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses									
		COURSE DESC:		Continuation of EDPL 7600. Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full-time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor.									
EHS	TEDU	EDPL	7900	Internship: Theory Into Practice	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.									
EHS	TEDU	EDSE	2500	Analysis of Teaching Characteristics and Teaching Tasks	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010 and Teacher Candidacy and (EDHP 2700 or PSY 2420 concurrent recommended)									
		COURSE DESC:		Immediate focus on teaching tasks and models, training in systematic observation and analysis, peer teaching, and tools for self analysis.									
EHS	TEDU	EDSE	2500	Analysis of Teaching Characteristics and Teaching Tasks	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010 and Teacher Candidacy and (EDHP 2700 or PSY 2420 concurrent recommended)									
		COURSE DESC:		Immediate focus on teaching tasks and models, training in systematic observation and analysis, peer teaching, and tools for self analysis.									
EHS	TEDU	EDSE	2500L	Analysis of Teaching Characteristics and Teaching Tasks Field Experience	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010 and (EDSE 2500 concurrent) and Teacher Candidacy									
		COURSE DESC:		Immediate focus on performance of undergraduate student in act of teaching in secondary school setting. Major emphasis on developing systematic skills in observation and analysis of teaching. Each student will work with a cooperating teacher during the semester. Students teach several micro-teaching lessons in schools. Sessions videotaped so students may analyze their teaching performance while viewing videotapes in clinical setting. Recommend that EDHP 2700 or PSY 2420 be taken concurrently with or following this course.									
EHS	TEDU	EDSE	2900	Special Topics in Education - Secondary	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDSE	2900	Special Topics in Education - Secondary	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
EHS	TEDU	EDSE	2970T	Secondary Education Honors Tutorial	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Individualized tutorial open to HTC students only.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	2980T	Secondary Education Honors Tutorial	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									
EHS	TEDU	EDSE	2981T	Secondary Education Honors Tutorial	TUT	EL	1 to 11	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		Individualized tutorial open to HTC students only.									
EHS	TEDU	EDSE	2981T	Secondary Education Honors Tutorial	TUT	TU	1 to 11	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		Individualized tutorial open to HTC students only.									
EHS	TEDU	EDSE	3500	Secondary School Planning and Instruction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 3730 concurrent and Admission to Advanced Standing and 2.75 GPA									
		COURSE DESC:		Further develops preservice educators' personal and philosophical beliefs on education, understanding of the changing world of teaching, and skills to design, implement, evaluate, and reflect upon the processes of secondary school teaching and learning. Introduces strategies to foster higher order thinking abilities among children and to make good use of community resources. Aimed to address Ohio Standards for the Teaching Profession and Praxis II, focuses on systematic planning, and various instructional methods: direct instruction, cooperative learning, differentiation of content instruction and effective classroom interaction through early field experience.									
EHS	TEDU	EDSE	3510	Secondary School Managing and Monitoring of Learning	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDSE 3500 and EDTE 3730									
		COURSE DESC:		Built upon the content of EDSE 3500 and EDTE 3710, continues to foster knowledge, dispositions and skills required by Praxis II and Ohio Standards for the Teaching Profession. Provides preservice educators with opportunities to understand the role that assessment plays in curriculum, to develop various assessment tools, to analyze assessment data to inform instruction and ensure learning; and it also informs preservice teachers of various models and strategies of classroom management that lead to positive learning environment. Examining legal issues and rights for teachers and students deepens preservice educators' understanding of the teaching profession.									
EHS	TEDU	EDSE	3511	Instruction Process and Curriculum	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Critical appraisal of research in areas of learning and teaching. Study and development of instructional models as applied to classroom teaching and learning.									
EHS	TEDU	EDSE	3970T	Secondary Education Honors Tutorial	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									
EHS	TEDU	EDSE	3980T	Secondary Education Honors Tutorial	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR									
		COURSE DESC:		Individualized tutorial for HTC students only.									
EHS	TEDU	EDSE	3990H	Teaching English Language Learners	LEC	LE	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Student teaching									
		COURSE DESC:		Designed to help future teachers become more effective in expanding English language learners' access to the core curriculum of the mainstream classroom. To educate English learners, teachers need to know both basic principles of language learning and also specific methods of instruction. Discussions of current research, concepts and theories of ESL/EFL teaching and learning, and various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	EDSE	4150	Curriculum Studies: Secondary School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR									
		COURSE DESC:		Designed to assist students in their exploration of curriculum theory and development. Explores the theory and philosophy of secondary school curriculum to prepare high school teachers, administrators, and curriculum directors in their roles as leaders in the area of curriculum design.									
EHS	TEDU	EDSE	4200	Teaching Content Literacy	INT	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 2000 and 2010 and 2020									
		COURSE DESC:		Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	4200	Teaching Content Literacy	INT	IN	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDTE 2000 and 2010 and 2020						
		COURSE DESC:		Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	EDSE	4200	Teaching Content Literacy	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDTE 2000 and 2010 and 2020						
		COURSE DESC:		Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	EDSE	4200	Teaching Content Literacy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDTE 2000 and 2010 and 2020						
		COURSE DESC:		Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	EDSE	4320	Evaluation of Student Progress	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides skills and knowledge on using classroom assessment tool to evaluate student learning and use of data efficiently and effectively through analysis and application, to promote data-driven decision making and problem solving based on collected data.									
EHS	TEDU	EDSE	4400	Secondary School Science Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 3510 and (Jr or Sr)						
		COURSE DESC:		Study and critique of science curriculum resources, goals, and methodologies for teaching; preparation of inquiry-based lessons and units; uses of technology in science instruction; studies of the contextual content of science such as the nature of science and the relationship between science technology and society; science safety, studied and practiced. Reflection on teaching and completion of a scientific investigation project.									
EHS	TEDU	EDSE	4400L	Secondary School Science Teaching Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:		EDSE 4400 or concurrent						
		COURSE DESC:		Practicum in approved school settings enables university students to teach school science students, building from small-group instruction to extended teaching of entire classes. College students also participate in science fairs, contests, and olympiads.									
EHS	TEDU	EDSE	4700	Teaching Bookkeeping and Business	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		ACCT 1020 and EDSE 3510						
		COURSE DESC:		Materials, methods, and techniques in teaching bookkeeping and basic business subjects.									
EHS	TEDU	EDSE	4720	Teaching Earth Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 3510						
		COURSE DESC:		Principles and practices for teaching earth science discussed. Model curricula investigated. Involves development of earth science unit plans for use with teachers and students in P-16.									
EHS	TEDU	EDSE	4720L	Teaching Earth Science Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 4720 concurrent						
		COURSE DESC:		Teacher candidates assess, plan, instruct, and reflect on the teaching of science via a secondary science early field classroom. Emphasis placed on the observation and application of a variety of methods for teaching science, including the learning cycle.									
EHS	TEDU	EDSE	4780	Teaching Physical Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 3510						
		COURSE DESC:		Principles and practices for teaching physical science discussed. Model curricula investigated. Involves development of physical science unit plans for use with teachers and students in P-16.									
EHS	TEDU	EDSE	4780L	Teaching Physical Science Lab Field Experience	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 4780 concurrent						
		COURSE DESC:		Teacher candidates assess, plan, instruct, and reflect on the teaching of science in a secondary science early field classroom. Emphasis placed on observation and application of a variety of methods for teaching science, including the learning cycle.									
EHS	TEDU	EDSE	4790	Introduction to Teaching Secondary Social Studies	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:		EDSE 3510 or concurrent						
		COURSE DESC:		Introduction to the teaching and learning of social studies in secondary schools. Overview of historical background, ideological concerns, the subject fields and disciplines of the social studies, national and state curriculum standards, and the use of technology in the social studies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	4790	Introduction to Teaching Secondary Social Studies GEC1: A-F REQUISITE: EDSE 3510 or concurrent COURSE DESC: Introduction to the teaching and learning of social studies in secondary schools. Overview of historical background, ideological concerns, the subject fields and disciplines of the social studies, national and state curriculum standards, and the use of technology in the social studies.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDSE	4790L	Teaching Secondary Social Studies Field Experience GEC1: A-F REQUISITE: EDSE 4790 or concurrent COURSE DESC: Field experience focuses on applying the knowledge gained in EDSE 4790 to curriculum planning by allowing candidates to move from theory to practice by developing and teaching social studies lessons in the classroom setting.	LAB	LB	1	0		N	U30		0
EHS	TEDU	EDSE	4900	Special Topics in Secondary Education GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Current developments in secondary education. Selected topics offered at instructor's discretion.	LEC	EL	1 to 6	6		I	U30		0
EHS	TEDU	EDSE	4900	Special Topics in Secondary Education GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Current developments in secondary education. Selected topics offered at instructor's discretion.	LEC	LE	1 to 6	6		I	U30		0
EHS	TEDU	EDSE	4970T	Secondary Education Honors Tutorial GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized tutorial open to HTC students only.	TUT	TU	1 to 10	999		N	U30		0
EHS	TEDU	EDSE	4980T	Secondary Education Honors Tutorial GEC4: A-F, REQUISITE: HTC CR, PR COURSE DESC: Individualized tutorial open to HTC students only.	TUT	TU	1 to 10	999		N	U30		0
EHS	TEDU	EDSP	2710	Introduction to Special Education GEC1: A-F REQUISITE: WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): EDTE 2010 COURSE DESC: Designed to be a broad introductory level course in special education for students with little or no background and experience in this area. The course is appropriate for students from various fields that are related to education and for those who are simply interested in and curious about learners who are exceptional. The course will present a brief general overview of learners with exceptional needs along with educational and social issues that surround them. Not for education majors.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDSP	2900	Special Topics in Education - Special GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	TEDU	EDSP	2900	Special Topics in Education - Special GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	TEDU	EDSP	3550	Technological Applications in Special Education GEC1: A-F REQUISITE: Admission to Advanced Standing and 2.75 GPA COURSE DESC: Provides knowledge and experiences necessary to use and analyze computers and other technology with persons who have special needs considering the functionality of hardware, software and peripherals. Focus on using technology including: compensation for sensory, physical, communications and learning disabilities and as a tool for information management. Commercially available software examined in terms of its applicability to people with special needs and existing curricula. Requires 10-hour service learning component.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDSP	3600	Field Experience in Special Education/Mild to Moderate Educational Needs GEC1: A-F REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA COURSE DESC: Practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with mild to moderate educational needs. Requires minimum of 120 direct contact hours.	INT	IN	4	0		N	U30		0
EHS	TEDU	EDSP	3600	Field Experience in Special Education/Mild to Moderate Educational Needs GEC1: A-F REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA COURSE DESC: Practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with mild to moderate educational needs. Requires minimum of 120 direct contact hours.	SEM	SE	4	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	3610	Field Experience in Special Education/Moderate to Intensive Educational Needs	INT	IN	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA									
		COURSE DESC:		Provides minimum of 120 direct field hours of practical application of concepts and skills introduced in special education courses in the prerequisite and current block courses; direct observations, assessment, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with moderate to intensive educational needs.									
EHS	TEDU	EDSP	3610	Field Experience in Special Education/Moderate to Intensive Educational Needs	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA									
		COURSE DESC:		Provides minimum of 120 direct field hours of practical application of concepts and skills introduced in special education courses in the prerequisite and current block courses; direct observations, assessment, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with moderate to intensive educational needs.									
EHS	TEDU	EDSP	3700	Classroom Management of Learners with Special Needs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA									
		COURSE DESC:		Course content and activities focus on the ethical development of behavior management skills and applied behavioral analysis techniques for the purposes of prevention, reducing behavioral problems, maximizing learning and enhancing pupil self determination across the life-span. Content and activities cover etiology of problem behavior (FBA, Functional Behavioral Assessment), identification, assessment, planning and implementation of management methods within the context of a single subject research project used with all age learners with mild, moderate and intensive academic and social educational needs.									
EHS	TEDU	EDSP	3760	Methods for Learners with Mild to Moderate Educational Needs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (EDSP 3770 and 4600 and 4770) or concurrent and C or better in (EDSP 3550 and 3600 and 3700 and 4730 and 4850)									
		COURSE DESC:		Course content and activities focus on the selection of current methods used in teaching students with mild to moderate disabilities. Also, instructional considerations discussed to integrate functional teaching into curriculum for learners with mild to moderate needs. Specific techniques presented and practiced on how to develop, remediate or compensate for learners with mild to moderate educational needs. Exposure to application and use of various technologies used in the field of special education.									
EHS	TEDU	EDSP	3770	Career Development and Transition Planning for Learners with Special Needs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDSP 3600 or 3610) and C or better in (EDSP 3550 and 3700 and 4730 and 4850)									
		COURSE DESC:		Presents comprehensive overview of the continuum of vocational options for persons with disabilities at the secondary and post-secondary levels. Additionally, procedures for preparing exceptional children and adults to fulfill their career roles as family members, community residents, and workers addressed. Focuses on the delivery of quality services within limited resource environments.									
EHS	TEDU	EDSP	4600	Field Experience in Special Education--Mild to Moderate Educational Needs	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDSP 3550 and 3600 and 3700 and 4730)									
		COURSE DESC:		Increasing responsibilities in the practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with mild to moderate educational needs. Requires minimum of 120 direct contact hours.									
EHS	TEDU	EDSP	4600	Field Experience in Special Education--Mild to Moderate Educational Needs	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDSP 3550 and 3600 and 3700 and 4730)									
		COURSE DESC:		Increasing responsibilities in the practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with mild to moderate educational needs. Requires minimum of 120 direct contact hours.									
EHS	TEDU	EDSP	4610	Field Experience in Special Education--Moderate to Intensive Educational Needs	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDSP 3770 and 4750 and 4770) or concurrent and C or better in (EDSP 3550 and 3610 and 3700 and 4730 and 4850)									
		COURSE DESC:		CR, PR Increasing responsibilities in the practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with moderate to intensive (severe disabilities) educational needs. Requires minimum of 120 direct contact hours.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	4730	Current Issues in Special Education (MM, MI)	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and (EDSP 3600 or 3610 or concurrent) and (EDSP 3550 and 3700 and 4850 or concurrent) and advanced standing in education and 2.75 GPA									
		COURSE DESC:		Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services, academic, cognitive, medical, behavioral, social, communicative, and psychosocial needs, assistive devices, legal, ethical, cultural, family, self-determination, and advocacy issues studied in relation to the characteristics and needs of learners from birth to adulthood.									
EHS	TEDU	EDSP	4750	Methods for Learners with Moderate to Intensive Educational Needs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDSP 3550 and 3610 and 3700 and 4730 and 4850)									
		COURSE DESC:		Design and application of multifaceted/transdisciplinary assessment procedures, curricular adoption/development, IEP transition, technology planning, proficiency testing/alternatives, instructional strategies including age-appropriate, functional, and community reference skills; use of positive behavioral supports; educational, adaptive equipment, assistive devices, and instructional materials to promote self-determination. Methods applied through case-based instruction, hands-on participation, and cooperative teaming.									
EHS	TEDU	EDSP	4770	Collaboration, Curriculum Consultation, Co-Teaching and Teaming in Special Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDSP 3600 or 3610) and 3550 and 3700 and 4730 and 4850 and 2.75 GPA									
		COURSE DESC:		Comprehensive overview and development of professional competencies related to research/evidence based practice, standards-based curriculum development, access to the general education curriculum, collaboration, consultation and co-teaching in special education. Content includes selection and use of research/evidence based practices, collaboration and consultation processes, curriculum development/co-planning (developing unit of study), universal design for learning (UDL), adaptations and modifications of curricula and instruction to meet learner needs, communicating with professionals and parents, working in teams, legal and ethical issues, interagency and interdisciplinary collaboration, and collaborating with families of students with special needs. Designed for candidates in the mild-moderate (GC) and moderate-intensive and (IC) areas.									
EHS	TEDU	EDSP	4850	Assessment of Learners with Special Needs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA									
		COURSE DESC:		Covers the standardized norm references, formative, summative, family and ecological methods of assessment, screening and classification, collection and appropriate application of assessment data utilizing laboratory and field experiences. Legal and ethical issues related to the assessment and evaluation of learners with exceptional needs covered. Designed for candidates in the mild-moderate (GC) and moderate-intensive and (IC) areas.									
EHS	TEDU	EDSP	4900	Special Topics in Education - Special	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDSP	4900	Special Topics in Education - Special	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDSP	5700	Nature and Needs of Persons with Exceptionalities	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth overview to the field of special education, presenting basic knowledge and understanding of the historical and legal aspects, nature and needs of persons with exceptionalities across the life-span, attitudes and expectations essential to working with persons with exceptionalities, delivery of services appropriate to meeting their needs, and current trends and issues with an emphasis on inclusive education in limited resource environments. Also offers elements of UDL to delivery of competencies through the infusion of self-selected activities in meeting specific candidate learning needs.									
EHS	TEDU	EDSP	5720	Career Development and Transition Planning for Individuals with Disabilities	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDSP 5700 CR, PR									
		COURSE DESC:		Comprehensive overview of the continuum of vocational options for persons with disabilities at the secondary and post-secondary levels. Additionally, procedures for preparing exceptional children and adults to fulfill their career roles as family members, community residents, and workers addressed. Focus on delivery of quality services within limited resource environments.									
EHS	TEDU	EDSP	5721	Transition Assessment and Instruction for Students with Disabilities	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Course content and activities focus on the secondary transition assessment process for learners with disabilities including formal transition assessments, informal transition assessments, and person- and family- centered planning. Content includes procedures for development of transition-driven Individualized Education Programs and transition services based upon assessment data and secondary transition evidence-based instructional and programmatic practices and predictors for positive post-school outcomes. Course includes 25 field hours.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	5721	Transition Assessment and Instruction for Students with Disabilities GEC1: A-F REQUISITE: COURSE DESC: Course content and activities focus on the secondary transition assessment process for learners with disabilities including formal transition assessments, informal transition assessments, and person- and family- centered planning. Content includes procedures for development of transition-driven Individualized Education Programs and transition services based upon assessment data and secondary transition evidence-based instructional and programmatic practices and predictors for positive post-school outcomes. Course includes 25 field hours.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5722	Professional Competencies in the Transition of Students with Disabilities GEC1: A-F REQUISITE: COURSE DESC: Course content and activities focus on the comprehensive analysis of the role of secondary transition professionals. Content includes collaboration, communication, leadership, legislation and policy advocacy, state and national resources and organizations, grants for transition programming, and developing programs and relationships in the school district and community. Twenty-five field hours are required.	FLD	FE	3	0		N	G50		0
EHS	TEDU	EDSP	5722	Professional Competencies in the Transition of Students with Disabilities GEC1: A-F REQUISITE: COURSE DESC: Course content and activities focus on the comprehensive analysis of the role of secondary transition professionals. Content includes collaboration, communication, leadership, legislation and policy advocacy, state and national resources and organizations, grants for transition programming, and developing programs and relationships in the school district and community. Twenty-five field hours are required.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5730	Assessment of Learners with Special Needs GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Covers standardized norm referenced, formative, summative, family and ecological methods of assessment, screening and classification, collection and appropriate application of assessment data utilizing laboratory and field experiences. Legal and ethical issues related to the assessment and evaluation of learners with exceptional needs covered. Designed for candidates in the mild-moderate (GC), moderate-intensive and (IC) and early childhood (EC) Intervention Specialist areas.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5740	Behavioral Management for Learners with Special Needs GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Ethical development of behavior management skills and applied behavioral analysis techniques for the purposes of prevention, reducing behavioral problems, maximizing learning and enhancing learner self determination across the life-span. Course content and activities cover etiology of problem behavior (FBA Functional Behavioral Assessment), identification, assessment, planning and implementation of management methods within the context of a single subject research project used with applicable age learners with mild, moderate and intensive academic and social educational needs.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5750	Collaboration, Curriculum Consultation, Teaming and Co-Teaching in Special Education GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Comprehensive overview and development of professional competencies related to research/evidence based practice, standards-based curriculum development, access to the general education curriculum, collaboration, consultation and co-teaching in special education. Content includes the selection and use of research/evidence based practices, collaboration and consultation processes, curriculum development/co-planning (developing unit of study), universal design for learning (UDL), adaptations and modifications of curricula and instruction to meet learner needs, communicating with professionals and parents, working in teams, legal and ethical issues, interagency and interdisciplinary collaboration, and collaborating with families of students with special needs. The course is designed for candidates in the Mild-Moderate (GC), Moderate-Intensive and (IC) and Early Childhood (EC) Intervention Specialist areas.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5760	Current Issues in Special Education (MM, MI, ECIS) GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services, academic, cognitive, medical, behavioral, social, communicative, and psychosocial needs, assistive devices, legal, ethical, cultural, family, self-determination, and advocacy issues are studied in relation to the characteristics and needs of learners from birth to adulthood.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5770	Methods for Learners with Moderate to Intensive Educational Needs GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Design and application of multifaceted/transdisciplinary assessment procedures, curricular adoption/development, IEP transition, technology planning, proficiency testing/alternatives, instructional strategies including age-appropriate, functional, and community reference skills; use of positive behavioral supports; educational, adaptive equipment, assistive devices, and instructional materials to promote self-determination. Methods applied through case-based instruction, hands-on participation, and cooperative teaming.	LEC	LE	3	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	5790	Methods and Materials for Learners with Mild-Moderate Educational Needs	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDSP 5700 CR, PR									
		COURSE DESC:		Methods of identifying children's academic and behavioral problems, and implementing effective, culturally appropriate remedial procedures. Detailed study of instruction in content areas including the development of goals, objectives, and lessons for individuals with mild to moderate learning needs (including learning disabilities, mild mental retardation, and behavior disorders). The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.									
EHS	TEDU	EDSP	5800	Typical and Atypical Early Development	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Typical and Atypical Early Development focuses on understanding the characteristics and developmental needs of young children (pre-birth through age 8) with and without disabilities. Students will acquire knowledge in the areas of cognitive, language, social-emotional, and physical development, as well as knowledge regarding the historical and philosophical foundations of the discipline. Students' increased knowledge about young children with disabilities and their families will promote positive beliefs regarding educating these children, which will lay a foundation for students to provide meaningful learning opportunities that support the children's development.									
EHS	TEDU	EDSP	5810	Methods for Early Childhood Special Education Learners	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDSP 5700 CR, PR									
		COURSE DESC:		Develop knowledge and skills to select, plan, implement and evaluate culturally, developmentally and individually appropriate methods of instruction for teaching young students (age 3 to grade 3) with mild to intensive disabilities (including cognitive disabilities, learning disabilities, behavioral disabilities, physical impairments, and other health impairments). Topics include: Developing implementing and evaluating instruction in developmental/content areas (goals, objectives, lessons, & units), the use and application of various instructional and assistive technologies, provision of community-based activities, use of cooperative learning, and implicit and explicit teaching methods, integration of functional teaching into curriculum for learners with mild to intensive needs, development of the Individualized Education Program (IEP), knowledge of the Individual Family Service Plan (IFSP) with attention to transition from early intervention to preschool and from preschool into kindergarten, collaboration with families and other professionals to promote the development of young children with special needs within the family, early childhood settings and public schools. Candidates will implement and apply practices. The course is designed for candidates in the Early Childhood (EC) Intervention Specialist area.									
EHS	TEDU	EDSP	5820	Assessment of Young Children with Exceptionalities	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Assessment in Early Childhood Special Education focuses on using multiple developmentally appropriate assessments to identify young children with special needs and inform students' instruction practices to ensure children's learning. Students examine various formal and informal approaches to assessment to build their skills in (a) creating meaningful learning goals, (b) individualizing instruction, (c) adapting instructional practices, and (d) evaluating children's learning. Collaboration is emphasized in this course to enhance students' beliefs and practices with respect to their communication with children, their families, other professionals, and the community.									
EHS	TEDU	EDSP	5820	Assessment of Young Children with Exceptionalities	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Assessment in Early Childhood Special Education focuses on using multiple developmentally appropriate assessments to identify young children with special needs and inform students' instruction practices to ensure children's learning. Students examine various formal and informal approaches to assessment to build their skills in (a) creating meaningful learning goals, (b) individualizing instruction, (c) adapting instructional practices, and (d) evaluating children's learning. Collaboration is emphasized in this course to enhance students' beliefs and practices with respect to their communication with children, their families, other professionals, and the community.									
EHS	TEDU	EDSP	5900	Special Topics in Education - Special	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDSP	5900	Special Topics in Education - Special	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDSP	5990	Nature and Needs of Students with Gifts and Talents	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course addresses the characteristics of students who are gifted, creative, and talented. Content focuses on what it means to be gifted and the variability with which students present their gifts and talents.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	6100	Nature and Needs of Young Children with Exceptionalities	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Nature and Needs of Young Children with Exceptionalities offers an in-depth overview to the field of special education for children from birth through age eight. It presents basic knowledge and understanding of (a) the historical and legal aspects of the field, (b) nature and needs of young children with exceptionalities, (c) attitudes essential to working with young children with exceptionalities, (d) expectations and delivery of services appropriate to meeting their needs, and (e) current trends and issues in the field of special education. This course has an emphasis on inclusive practices and universal design for learning to promote positive child outcomes (birth - age 8) across various environments.									
EHS	TEDU	EDSP	6210	Advanced Assessment Practices in Early Childhood General and Special Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the early identification, assessment, and progress monitoring of children in early childhood settings using multiple developmentally appropriate assessments to identify young children with special needs and inform students' instructional practices to support all young children's learning. Students examine various formal and informal approaches to compile, summarize, interpret, and ethically use assessment information to build their skills in (a) creating meaningful learning goals and intervention plans, (b) individualizing instruction, (c) monitoring children's progress, (d) evaluating children's learning, and (e) adapting instructional practices based upon the data.									
EHS	TEDU	EDSP	6700	Technological Applications in Special Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR Provides knowledge and experiences necessary to use and analyze computers and other technology with persons who have special needs considering the functionality of hardware, software and peripherals. Focuses on using technology including: compensation for sensory, physical, communications and learning disabilities and as a tool for information management. Commercially available software examined in terms of its applicability to people with special needs and existing curricula. Requires 15-hour service learning component.									
EHS	TEDU	EDSP	6720	Advanced Differentiated/ Instructional Adaptations	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Admission to Advanced Master's Program						
		COURSE DESC:		CR, PR Designed to develop skills needed by licensed general education teachers to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes collaboration strategies, curriculum modifications, instruction and management adaptations, principles and skills for differentiating instruction in an inclusive classroom. The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.									
EHS	TEDU	EDSP	6720	Advanced Differentiated/ Instructional Adaptations	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Admission to Advanced Master's Program						
		COURSE DESC:		CR, PR Designed to develop skills needed by licensed general education teachers to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes collaboration strategies, curriculum modifications, instruction and management adaptations, principles and skills for differentiating instruction in an inclusive classroom. The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.									
EHS	TEDU	EDSP	6800	Practicum in Moderate-Intensive Educational Needs	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Practical, field-based, learning experience involving assessment, planning and teaching under the direction of a cooperating teachers and university supervisor. Complete a minimum of 30 hours of field work per college credit hour in an approved special education placement for learners with moderate to intensive educational needs.									
EHS	TEDU	EDSP	6800	Practicum in Moderate-Intensive Educational Needs	SEM	SE	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Practical, field-based, learning experience involving assessment, planning and teaching under the direction of a cooperating teachers and university supervisor. Complete a minimum of 30 hours of field work per college credit hour in an approved special education placement for learners with moderate to intensive educational needs.									
EHS	TEDU	EDSP	6810	Graduate Practicum in Mild-Moderate Educational Needs	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR A practical, field-based learning experience involving assessment, planning and teaching under the direction of a cooperating teacher and university supervisor. Complete a minimum of 30 hours of field work per college credit hour in an approved special education placement for learners with mild to moderate educational needs.									
EHS	TEDU	EDSP	6810	Graduate Practicum in Mild-Moderate Educational Needs	SEM	SE	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR A practical, field-based learning experience involving assessment, planning and teaching under the direction of a cooperating teacher and university supervisor. Complete a minimum of 30 hours of field work per college credit hour in an approved special education placement for learners with mild to moderate educational needs.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	6820	Graduate Practicum in Early Childhood Special Education	SEM	EL	2 to 6	6		I	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6820	Graduate Practicum in Early Childhood Special Education	SEM	SE	2 to 6	6		I	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6830	Practicum in Differentiated Instruction/Universal Design for Learning	PRA	PR	2 to 6	6		I	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6830	Practicum in Differentiated Instruction/Universal Design for Learning	SEM	EL	2 to 6	6		I	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6830	Practicum in Differentiated Instruction/Universal Design for Learning	SEM	SE	2 to 6	6		I	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6900	Special Topics in Education - Special	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6900	Special Topics in Education - Special	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6920	Graduate Practicum II: Early Childhood Education and Early Childhood Special Education	PRA	PR	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDSP	6920	Graduate Practicum II: Early Childhood Education and Early Childhood Special Education	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	1000	Introduction to Teacher Education	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This introductory course explores the purpose, organization and outcome of schooling from the perspectives of the field of social foundations of education. Students engage in critical inquiry into teaching as a profession. Licensure requirements, teachers' legal responsibilities and the accountability of public schools are also explored.									
EHS	TEDU	EDTE	2000	Learning and Human Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides candidates with the major theories of learning and human development as applied educational processes in various learning environments. Candidates will gain foundational knowledge of theory and research on motivation, instructional strategies, classroom management, and assessment of student learning.									
EHS	TEDU	EDTE	2010	Characteristics of Learners with Exceptionalities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses identification, referral, assessment procedures, service delivery options, parental involvement, laws, legal issues and implications, inclusion, collaboration, agency and related service personnel, and assistive technologies. Focuses on characteristics and best practices for meeting the needs of the full range of learners (including students with gifts and talents and cultural and linguistic diversity) from preschool through young adulthood. Best teaching practice modeled and required.									
EHS	TEDU	EDTE	2020	Field Experience in Education	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR	Application of principles of typical child development, learned in EDTE 2000, and exceptional development of children and youth, learned in EDTE 2010, through observation, assisting, adapting tests and lessons, and tutoring a diverse range of pupils in a field setting.								
EHS	TEDU	EDTE	2200	Phonics and the Structure of Language	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									
EHS	TEDU	EDTE	2200	Phonics and the Structure of Language	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									
EHS	TEDU	EDTE	2500	Issues in Global Education	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		We live in a global community where social, political, economic, and environmental issues affect us all. This course is designed for students to learn inquiry and problem-based approaches to investigate the complexities of global problems, their interdependence, and the effects on human experiences. Historical, political, geographic, and economic perspectives will be taught to address a variety of global issues. From this experience, students will develop deeper cross-cultural awareness and understanding, critical thinking and informed decision-making, and effective literacy and communication skills needed to be responsible and engaged global citizens.									
EHS	TEDU	EDTE	2500	Issues in Global Education	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		We live in a global community where social, political, economic, and environmental issues affect us all. This course is designed for students to learn inquiry and problem-based approaches to investigate the complexities of global problems, their interdependence, and the effects on human experiences. Historical, political, geographic, and economic perspectives will be taught to address a variety of global issues. From this experience, students will develop deeper cross-cultural awareness and understanding, critical thinking and informed decision-making, and effective literacy and communication skills needed to be responsible and engaged global citizens.									
EHS	TEDU	EDTE	2900	Special Topics in Education - Teacher Education	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.								
EHS	TEDU	EDTE	2900	Special Topics in Education - Teacher Education	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.								
EHS	TEDU	EDTE	3250	Literature-Centered Developmental Reading Instruction	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EDTE 2200 and Admission to Advanced Standing Provides pre-service teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	3250	Literature-Centered Developmental Reading Instruction GEC1: A-F REQUISITE: EDTE 2200 and Admission to Advanced Standing Provides pre-service teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	3500	Globalization in Education GEC1: A-F REQUISITE: Examines the impact of globalization on education from the perspective of a human capital model, progressive education model, religious education model, and indigenous education world model.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	3500	Globalization in Education GEC1: A-F REQUISITE: Examines the impact of globalization on education from the perspective of a human capital model, progressive education model, religious education model, and indigenous education world model.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	3710	Instructional Adaptations for Early Childhood Learners with Exceptionalities and Diverse Needs GEC2: A-F, PR REQUISITE: Admission to Advanced Standing and 2.75 GPA Course combines with clinical/field experience to develop skills needed by early childhood educators to work with families and young children with special needs in early childhood programs. Content includes universal design of curricula and assessments, curriculum modifications, instructional and management adaptations, Response to Intervention (RTI), the development and use of positive behavior supports, students assessment and progress monitoring, effective collaboration strategies, accessing related and support services, and skills required for instructing/managing an inclusive classroom.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	3720	Instructional Adaptations for Middle Childhood Learners with Exceptionalities and Diverse Needs GEC2: A-F, PR REQUISITE: Admission to Advanced standing and 2.75 GPA Designed to develop skills needed by educators at the upper elementary and middle levels to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes curriculum modifications, instructional and management adaptations, effective collaboration strategies, accessing related and support services, and skills required for instructing and managing an inclusive classroom.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	3730	Instructional Adaptations for Adolescent-Young Adult Learners with Exceptionalities & Diverse Needs GEC2: A-F, PR REQUISITE: (EDSE 3500 or concurrent) and Admission to Advanced Standing and 2.75 GPA Course combines with clinical/field experience to develop skills needed by educators at the adolescent to young adult levels in order to work with learners who are exceptional and diverse needs in inclusive classrooms. Content includes curriculum modifications, selection and appropriate uses of reading materials, instructional and reading adaptations, classroom management adaptations, effective collaboration strategies, accessing related and support services, and skills required for instructing and managing an inclusive classroom.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4110	Developing Thinking Skills GEC1: A-F REQUISITE: Focuses on understanding the nature critical thinking skills in K-12 students, how to effectively teach these skills, and how to assess whether students have reached an effective level of critical thinking.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4110	Developing Thinking Skills GEC1: A-F REQUISITE: Focuses on understanding the nature critical thinking skills in K-12 students, how to effectively teach these skills, and how to assess whether students have reached an effective level of critical thinking.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4200	Teaching Reading in the Content Areas GEC1: A-F REQUISITE: Admission to Advanced Standing Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.	LEC	EL	3	0		N	U30		0

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EHS	TEDU	EDTE	4200	Teaching Reading in the Content Areas ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4210	Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	LAB	LB	3	0		N	U30		0
EHS	TEDU	EDTE	4210	Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4210	Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4220	Assessing and Teaching Struggling Readers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	LAB	LB	3	0		N	U30		0
EHS	TEDU	EDTE	4220	Assessing and Teaching Struggling Readers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4220	Assessing and Teaching Struggling Readers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4230	Reading Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Application of strategies to support troubled readers. Candidates tutor a student who is at least one year below grade level in reading. There are group meeting to discuss students and strategies and to examine new strategies. Candidates complete a case study of their work with the student for presentation to the student's parent (care giver) and other professionals.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4230	Reading Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Application of strategies to support troubled readers. Candidates tutor a student who is at least one year below grade level in reading. There are group meeting to discuss students and strategies and to examine new strategies. Candidates complete a case study of their work with the student for presentation to the student's parent (care giver) and other professionals.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4430	Teaching Environmental Education ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on helping teacher candidates across the content areas to develop a deep understanding of issues in environmental education, how to integrate teaching about these issues into their own discipline, and how to effectively assess student knowledge of issues that affect the local, national and global environment.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4430	Teaching Environmental Education ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on helping teacher candidates across the content areas to develop a deep understanding of issues in environmental education, how to integrate teaching about these issues into their own discipline, and how to effectively assess student knowledge of issues that affect the local, national and global environment.	LEC	LE	3	0		N	U30		0

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EHS	TEDU	EDTE	4900	Special Topics in Education - Teacher Education GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	TEDU	EDTE	4900	Special Topics in Education - Teacher Education GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	TEDU	EDTE	5100	Principles of Curriculum GEC4: A-F, REQUISITE: CR, PR COURSE DESC: This course will provide you with multiple perspectives as an explicit focus for the study of curriculum and curriculum theory. Major curricular movements, principles of curriculum development, forces affecting what is taught, curriculum evaluation, and recent trends including content area national and state standards.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5100L	Principles of Curriculum - Laboratory GEC4: A-F, REQUISITE: EDTE 5100 concurrent CR, PR COURSE DESC: Lab companion course for EDTE 5100.	LAB	LB	1	0		N	G50		0
EHS	TEDU	EDTE	5110	Developing a Thinking Skills Program for the Elementary/Secondary Classroom GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Examines current research and theory about the teaching of thinking skills. Emphasis on the integration of theory, research, and classroom instruction.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5110	Developing a Thinking Skills Program for the Elementary/Secondary Classroom GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Examines current research and theory about the teaching of thinking skills. Emphasis on the integration of theory, research, and classroom instruction.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5200	Literature-Centered Developmental Reading Instruction GEC4: A-F, REQUISITE: CR, PR COURSE DESC: This course provides preservice teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5200	Literature-Centered Developmental Reading Instruction GEC4: A-F, REQUISITE: CR, PR COURSE DESC: This course provides preservice teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5201	Theoretical Foundations of Reading Instruction GEC1: A-F REQUISITE: Masters in Reading Education or Reading Endorsement COURSE DESC: This course provides an understanding of the theoretical foundations of reading and reading instruction. Topics of instruction include: historical perspectives of the field; theories of reading and reading instruction; research in reading and reading instruction; and the relationships between oral language, writing, diversity and learning to read. Emphasis is on how these factors impact the decisions teachers make when planning, preparing, organizing and teaching literacy in the classroom.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5201	Theoretical Foundations of Reading Instruction GEC1: A-F REQUISITE: Masters in Reading Education or Reading Endorsement COURSE DESC: This course provides an understanding of the theoretical foundations of reading and reading instruction. Topics of instruction include: historical perspectives of the field; theories of reading and reading instruction; research in reading and reading instruction; and the relationships between oral language, writing, diversity and learning to read. Emphasis is on how these factors impact the decisions teachers make when planning, preparing, organizing and teaching literacy in the classroom.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5210	Foundation of Language and Diversity	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to graduate program in reading CR, PR									
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5210	Foundation of Language and Diversity	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to graduate program in reading CR, PR									
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5210	Foundation of Language and Diversity	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to graduate program in reading CR, PR									
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5220	Assessing and Teaching Struggling Readers	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course focuses on an initial introduction to in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.									
EHS	TEDU	EDTE	5221	Diagnosis: Reading/Language Arts	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Master's of Reading Education or Reading Endorsement program									
		COURSE DESC:		This course focuses on the examination and practice of a variety of assessments suitable for the evaluation of students' reading performance. Candidates assess, tutor, and prepare a case report for a student from grades P-3 or 4-6 for a minimum of 35 hours. Course topics include: investigating the purposes of and determining appropriate use of reading assessments; determining reliability/validity; selecting/developing appropriate assessments; administering/interpreting assessments and planning appropriate instruction; collaborating with reading professionals for instruction and intervention; and communicating assessment results to appropriate audiences.									
EHS	TEDU	EDTE	5221	Diagnosis: Reading/Language Arts	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Master's of Reading Education or Reading Endorsement program									
		COURSE DESC:		This course focuses on the examination and practice of a variety of assessments suitable for the evaluation of students' reading performance. Candidates assess, tutor, and prepare a case report for a student from grades P-3 or 4-6 for a minimum of 35 hours. Course topics include: investigating the purposes of and determining appropriate use of reading assessments; determining reliability/validity; selecting/developing appropriate assessments; administering/interpreting assessments and planning appropriate instruction; collaborating with reading professionals for instruction and intervention; and communicating assessment results to appropriate audiences.									
EHS	TEDU	EDTE	5230	Reading/Language: Laboratory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students assess and tutor a Pre-K--3 or grade 4--8 student, whichever level they didn't work with in EDTE 5220. Emphasis continues on assessment and instructional strategies.									
EHS	TEDU	EDTE	5240	Literature for Children and Adolescents	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									
EHS	TEDU	EDTE	5240	Literature for Children and Adolescents	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									
EHS	TEDU	EDTE	5250	Reading Instruction	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on core and remedial reading instruction.									
EHS	TEDU	EDTE	5250	Reading Instruction	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on core and remedial reading instruction.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5260	Teaching Reading in the Content Areas	LEC	EL	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.									
EHS	TEDU	EDTE	5260	Teaching Reading in the Content Areas	LEC	LE	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.									
EHS	TEDU	EDTE	5261	Secondary Reading Instruction	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Master's of Reading Education or Reading Endorsement program									
		COURSE DESC:		This course focuses on materials, methods, and techniques of secondary reading instruction for teaching adolescent learners of various abilities. Emphasis is placed on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Candidates are required to complete 35 hours of field work with a student in grades 7-12 as part of this course. This course is reserved for candidates in the Master's of Reading Education and Reading Endorsement programs only.									
EHS	TEDU	EDTE	5261	Secondary Reading Instruction	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Master's of Reading Education or Reading Endorsement program									
		COURSE DESC:		This course focuses on materials, methods, and techniques of secondary reading instruction for teaching adolescent learners of various abilities. Emphasis is placed on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Candidates are required to complete 35 hours of field work with a student in grades 7-12 as part of this course. This course is reserved for candidates in the Master's of Reading Education and Reading Endorsement programs only.									
EHS	TEDU	EDTE	5270	Phonics and the Structure of Language	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									
EHS	TEDU	EDTE	5270	Phonics and the Structure of Language	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									
EHS	TEDU	EDTE	5300	Problems and Practices in Modern Elementary Mathematics	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and Admission to Intervention Specialist Program and EDRE 5010									
		COURSE DESC:		Modern elementary mathematics curriculum with emphasis on why changes are occurring. Nature of changes as reflected from experimental programs; effect on teaching methods. Implementation of these changes in the classroom.									
EHS	TEDU	EDTE	5300	Problems and Practices in Modern Elementary Mathematics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and Admission to Intervention Specialist Program and EDRE 5010									
		COURSE DESC:		Modern elementary mathematics curriculum with emphasis on why changes are occurring. Nature of changes as reflected from experimental programs; effect on teaching methods. Implementation of these changes in the classroom.									
EHS	TEDU	EDTE	5400	New Programs and Practices in Science	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100									
		COURSE DESC:		New programs and trends in science teaching identified and evaluated. Philosophy, content, and grade level placement of topics in federal, foundation, and privately sponsored experimental programs in elementary and/or secondary science education identified and practiced in a classroom setting.									
EHS	TEDU	EDTE	5400	New Programs and Practices in Science	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100									
		COURSE DESC:		New programs and trends in science teaching identified and evaluated. Philosophy, content, and grade level placement of topics in federal, foundation, and privately sponsored experimental programs in elementary and/or secondary science education identified and practiced in a classroom setting.									
EHS	TEDU	EDTE	5410	New Topics in Science and Science Education	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Modern advances in science and current science education topics to determine suitable content, apparatus, and grade level placement for presentation in schools. Development and use of curriculum guides, curriculum models, modern units, outdoor education, science fairs, field trips, programmed materials, uses of technology, and similar methods of advancing science education.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5410	New Topics in Science and Science Education	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Modern advances in science and current science education topics to determine suitable content, apparatus, and grade level placement for presentation in schools. Development and use of curriculum guides, curriculum models, modern units, outdoor education, science fairs, field trips, programmed materials, uses of technology, and similar methods of advancing science education.									
EHS	TEDU	EDTE	5420	Seminar in Science Education	SEM	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides elementary and secondary school teachers with a variety of techniques that enable them to integrate new concepts of science education into their teaching, such as environmental education, population education, energy conservation, world hunger, food problems, outdoor biology, etc.									
EHS	TEDU	EDTE	5420	Seminar in Science Education	SEM	SE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides elementary and secondary school teachers with a variety of techniques that enable them to integrate new concepts of science education into their teaching, such as environmental education, population education, energy conservation, world hunger, food problems, outdoor biology, etc.									
EHS	TEDU	EDTE	5510	Teaching Middle Childhood Social Studies	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The foundation of social studies is to help students develop new understandings of the world through discourse and activities that emphasize applications to authentic issues of human society. Problem solving, critical thinking and analysis, negotiation and collaboration are part of the teaching of social studies content. Using national and state standards, course emphasizes integrated social studies for curriculum organization in grades 4-9.									
EHS	TEDU	EDTE	5510L	Teaching Middle Childhood Social Studies - Lab	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5510 concurrent CR, PR									
		COURSE DESC:		Companion lab course for EDTE 5510.									
EHS	TEDU	EDTE	5600	Advanced Studies of Children and Adolescents	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study of research in child development from conception to maturity and implications for educational practices.									
EHS	TEDU	EDTE	5600	Advanced Studies of Children and Adolescents	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Intensive study of research in child development from conception to maturity and implications for educational practices.									
EHS	TEDU	EDTE	5610	Advanced Studies of Children	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This is an advanced course for those individuals who desire to gain greater knowledge and depth in the complex issues surrounding human learning and development for young children. Content in the course covers the major theories of child development and learning to provide a framework for the presentation of cognitive, social and emotional development for all young children. The course emphasizes factors that influence growth, learning, and development for all young children from birth through age eight. The content describes implementation science, including designing instruction of a high enough intensity to promote positive outcomes for all young children and coaching colleagues and caregivers to interact in positive and intentional manner. Students discuss the classic and current theoretical studies as they relate to human development and what these theories mean for young children with diverse needs. The course has an emphasis on applications and case studies for the home, community, and classroom settings for infants, toddlers, and young children who have and are at risk for developing disabilities.									
EHS	TEDU	EDTE	5670	Issues in Teaching and Learning	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on issues in teaching and learning.									
EHS	TEDU	EDTE	5670	Issues in Teaching and Learning	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on issues in teaching and learning.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5900	Special Topics in Education - Teacher Education	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	5900	Special Topics in Education - Teacher Education	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	6100	Early Childhood Curriculum	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 5010									
		COURSE DESC:		Examines curriculum as a basic educational concern, takes a critical look at issues involved in selecting and organizing content for students in elementary schools, as well as examines the leadership role of the teachers.									
EHS	TEDU	EDTE	6110	Supervision of Instruction	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course is designed for practicing teachers interested in developing skills necessary for peer mentoring of induction year teachers. Skills to be addressed include classroom observation, providing constructive feedback, and analysis of all components of the teaching process. Following extensive research and an analysis of the theoretical underpinnings of the teaching and mentoring processes, teachers will develop personalized plans of action in response to self-reflection and mentoring situations. The purpose of this course is to prepare practicing teachers with the tools necessary to successfully support first year teachers in a peer mentoring situation. An analysis of potential strategies will be conducted and foundational skills will be developed and refined/enhanced. This course provides training to potential mentor teachers, increasing the cadre of available mentors thereby building capacity across the nation as the number of new teachers grows and retention continues to be an issue of importance.									
EHS	TEDU	EDTE	6110	Supervision of Instruction	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This course is designed for practicing teachers interested in developing skills necessary for peer mentoring of induction year teachers. Skills to be addressed include classroom observation, providing constructive feedback, and analysis of all components of the teaching process. Following extensive research and an analysis of the theoretical underpinnings of the teaching and mentoring processes, teachers will develop personalized plans of action in response to self-reflection and mentoring situations. The purpose of this course is to prepare practicing teachers with the tools necessary to successfully support first year teachers in a peer mentoring situation. An analysis of potential strategies will be conducted and foundational skills will be developed and refined/enhanced. This course provides training to potential mentor teachers, increasing the cadre of available mentors thereby building capacity across the nation as the number of new teachers grows and retention continues to be an issue of importance.									
EHS	TEDU	EDTE	6120	Middle Childhood Curriculum	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100									
		COURSE DESC:		Examines curriculum as a basic educational concern, takes a critical look at issues involved in selecting and organizing content for students in middle schools, as well as examines the leadership role of the teachers.									
EHS	TEDU	EDTE	6130	High School Curriculum	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100									
		COURSE DESC:		Study of high school curriculum including emphasis on sources of curriculum and major curriculum movements, study of current issues and program alternatives, and development and evaluation of high school curriculum.									
EHS	TEDU	EDTE	6130	High School Curriculum	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100									
		COURSE DESC:		Study of high school curriculum including emphasis on sources of curriculum and major curriculum movements, study of current issues and program alternatives, and development and evaluation of high school curriculum.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6140	Analysis of Supervisory Systems	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6110									
		COURSE DESC:		This course is designed for practicing teachers with some level of mentoring experience interested in developing coaching strategies necessary for peer mentoring of small groups or teams of teachers. Skills include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. The purpose of this course is to prepare practicing teachers with some level of mentoring experience with the tools necessary to successfully support groups of teachers in a coaching environment. include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Mentoring and group facilitation skills will be developed and refined/enhanced. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. Given the educational landscape, peer coaching from experienced teachers offers a supportive, reflective, collegial forum for providing professional development at both the building and district level.									
EHS	TEDU	EDTE	6140	Analysis of Supervisory Systems	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6110									
		COURSE DESC:		This course is designed for practicing teachers with some level of mentoring experience interested in developing coaching strategies necessary for peer mentoring of small groups or teams of teachers. Skills include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. The purpose of this course is to prepare practicing teachers with some level of mentoring experience with the tools necessary to successfully support groups of teachers in a coaching environment. include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Mentoring and group facilitation skills will be developed and refined/enhanced. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. Given the educational landscape, peer coaching from experienced teachers offers a supportive, reflective, collegial forum for providing professional development at both the building and district level.									
EHS	TEDU	EDTE	6160	Managing and Monitoring Student Learning	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5100 and 5100L and 5600									
		COURSE DESC:		This course is designed to help general education teachers and general education teacher candidates, with a focus on grades 7-12 become more proficient at managing classroom procedures as well as student behavior. In addition this class will give teachers and teacher candidates the skills needed to use classroom assessment data more efficiently and effectively through analysis and application, thereby promoting data-driven decision making and problem solving based on collected data.									
EHS	TEDU	EDTE	6160	Managing and Monitoring Student Learning	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5100 and 5100L and 5600									
		COURSE DESC:		This course is designed to help general education teachers and general education teacher candidates, with a focus on grades 7-12 become more proficient at managing classroom procedures as well as student behavior. In addition this class will give teachers and teacher candidates the skills needed to use classroom assessment data more efficiently and effectively through analysis and application, thereby promoting data-driven decision making and problem solving based on collected data.									
EHS	TEDU	EDTE	6161	Issues in Adult Education	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on issues in adult education.									
EHS	TEDU	EDTE	6161	Issues in Adult Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on issues in adult education.									
EHS	TEDU	EDTE	6170	Introduction to Teaching Portfolio	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 5010 and EDTE 5100 and 6600									
		COURSE DESC:		This course introduces teacher candidates to the development of professional teaching portfolio. It fosters professional growth, facilitates analytic reflection, and critical thinking skills. Candidates understand professional teaching standards and learn the tool of assessment through hands-on experience. Teachers candidates with teaching licensures develop a National Board Certification Portfolio- a capstone professional development portfolio.									
EHS	TEDU	EDTE	6170	Introduction to Teaching Portfolio	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 5010 and EDTE 5100 and 6600									
		COURSE DESC:		This course introduces teacher candidates to the development of professional teaching portfolio. It fosters professional growth, facilitates analytic reflection, and critical thinking skills. Candidates understand professional teaching standards and learn the tool of assessment through hands-on experience. Teachers candidates with teaching licensures develop a National Board Certification Portfolio- a capstone professional development portfolio.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6230	Coaching Classroom Teachers in Reading/Literacy	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5200 and 5210									
		COURSE DESC:		This course will focus on the theory, knowledge, and practices required for the development of reading coaches who support classroom teachers with literacy assessment and instruction. Candidates will participate in field-based activities to assist classroom teachers with assessment of individual students and interpretation of assessment data to plan instruction and select materials, to conduct professional study groups for teachers, and to model research-based reading strategies in the classroom.									
EHS	TEDU	EDTE	6230	Coaching Classroom Teachers in Reading/Literacy	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5200 and 5210									
		COURSE DESC:		This course will focus on the theory, knowledge, and practices required for the development of reading coaches who support classroom teachers with literacy assessment and instruction. Candidates will participate in field-based activities to assist classroom teachers with assessment of individual students and interpretation of assessment data to plan instruction and select materials, to conduct professional study groups for teachers, and to model research-based reading strategies in the classroom.									
EHS	TEDU	EDTE	6400	Teacher as Advocate and Leader	INT	IN	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teacher as Advocate and Leader is a course focused on preparing teachers to be advocates and leaders in their school and in the field of education. Students acquire knowledge about the key qualities of leaders and advocates and engage in content focused on the various ways in which teachers can serve in these capacities. Students work independently and in groups to research strategies that will enhance their abilities to serve as a teacher leader and teacher advocate at the local, national, and global level. Students complete 30 contact hours throughout the semester volunteering for an approved educational agency, non-profit organization, or government organization that aims to enhance learning and development of young children birth through grade 3.									
EHS	TEDU	EDTE	6400	Teacher as Advocate and Leader	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teacher as Advocate and Leader is a course focused on preparing teachers to be advocates and leaders in their school and in the field of education. Students acquire knowledge about the key qualities of leaders and advocates and engage in content focused on the various ways in which teachers can serve in these capacities. Students work independently and in groups to research strategies that will enhance their abilities to serve as a teacher leader and teacher advocate at the local, national, and global level. Students complete 30 contact hours throughout the semester volunteering for an approved educational agency, non-profit organization, or government organization that aims to enhance learning and development of young children birth through grade 3.									
EHS	TEDU	EDTE	6410	Teaching Science and Social Studies to Young Children	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teaching Science and Social Studies to Young Children prepares students with a broad-based understanding of central issues involved in the learning and teaching of science and social studies. Students acquire strategies for designing learning experiences that allow young children to develop concepts and skills in social studies and science, starting with the places closest to them (i.e., families, neighborhoods, and living and non-living systems in the surrounding environment) and expanding outward to the broader community, the world, and the universe. Students acquire knowledge of state and national standards, the role of literacy in science and social studies, and content knowledge in science and social studies. Students develop skills in inquiry, content-specific instructional practices, play-based instruction; models for teaching, and assessing science and social studies learning.									
EHS	TEDU	EDTE	6600	Advanced Principles of Teaching	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Critical appraisal of research in areas of learning and teaching. Study of instructional models as applied to classroom teaching and learning.									
EHS	TEDU	EDTE	6600	Advanced Principles of Teaching	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Critical appraisal of research in areas of learning and teaching. Study of instructional models as applied to classroom teaching and learning.									
EHS	TEDU	EDTE	6600L	Laboratory in Advanced Principles of Teaching and Learning	LAB	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 concurrent CR, PR									
		COURSE DESC:		Application of principles of teaching and learning in clinical/field settings.									
EHS	TEDU	EDTE	6600L	Laboratory in Advanced Principles of Teaching and Learning	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 concurrent CR, PR									
		COURSE DESC:		Application of principles of teaching and learning in clinical/field settings.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6670	Teacher as Action Researcher	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5100 and 5600 and 6600 and EDRE 5010									
		COURSE DESC:		The course emphasizes the study of the key concepts, norms and principles of action research as part of the larger scope of teachers work as researchers and reflective practitioners. Candidates will be involved in an action research study relevant to their teaching context. The course will provide candidates with guided practice as they inquire into and reflect on their practice. The course allows candidates to apply research and bibliographic methods and resources necessary for inquiry into practice.									
EHS	TEDU	EDTE	6670	Teacher as Action Researcher	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5100 and 5600 and 6600 and EDRE 5010									
		COURSE DESC:		The course emphasizes the study of the key concepts, norms and principles of action research as part of the larger scope of teachers work as researchers and reflective practitioners. Candidates will be involved in an action research study relevant to their teaching context. The course will provide candidates with guided practice as they inquire into and reflect on their practice. The course allows candidates to apply research and bibliographic methods and resources necessary for inquiry into practice.									
EHS	TEDU	EDTE	6900	Special Topics in Education - Teacher Education	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	6900	Special Topics in Education - Teacher Education	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	6930	Research in Education	IND	IS	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Individualized research project.									
EHS	TEDU	EDTE	6931	Methods for Teaching Earth/Life/ and Physical Science	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study and critique of science curriculum resources, goals, and methodologies for teaching; preparation of inquiry-based lessons and units; uses of technology in science instruction; Studies of the contextual content of science such as the nature of science and the relationship between science technology and society; science safety, studied and practiced. Reflection on teaching and completion of a scientific investigation project.									
EHS	TEDU	EDTE	6931L	Lab in Methods for Teaching Earth/Life/ and Physical Science	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6931 concurrent									
		COURSE DESC:		In this lab course, teacher candidates will assess, plan, instruct, and reflect on the teaching of science in a secondary early field science classroom. Emphasis will be placed on the observation and application of a variety of methods for teaching science, including the Learning Cycle.									
EHS	TEDU	EDTE	6932	Methods of Teaching Middle Childhood English Language Arts	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 5100 and at least 6 credit hours of graduate education courses									
		COURSE DESC:		Content and methods for teaching English language arts and literature in middle and high schools (4-9 grade).									
EHS	TEDU	EDTE	6932	Methods of Teaching Middle Childhood English Language Arts	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 5100 and at least 6 credit hours of graduate education courses									
		COURSE DESC:		Content and methods for teaching English language arts and literature in middle and high schools (4-9 grade).									
EHS	TEDU	EDTE	6932L	Field Experience in Teaching Middle Childhood English Language Arts	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EDTE 6932 concurrent									
		COURSE DESC:		Field experience to provide practical application of materials, methods, and techniques of language arts and literature instruction as appropriate in various secondary school settings. Students will observe classroom teachers and carry out various instructional tasks as deem appropriate.									
EHS	TEDU	EDTE	6936	Method of Teaching Physical Education K-12	LEC	EL	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDPL 6936 concurrent and 9 hours of graduate education courses and permission required									
		COURSE DESC:		Methods of teaching physical education in K-12 setting.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6936	Method of Teaching Physical Education K-12	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDPL 6936 concurrent and 9 hours of graduate education courses and permission required									
		COURSE DESC:		Methods of teaching physical education in K-12 setting.									
EHS	TEDU	EDTE	6940	Master's Research Project	RSC	RS	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Master's research project.									
EHS	TEDU	EDTE	6950	Master's Thesis	THE	TH	3 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Master's thesis project.									
EHS	TEDU	EDTE	6980	Introduction to Teaching Secondary Social Studies	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Introduction to the teaching and learning of social studies in secondary schools. Overview of historical background, ideological concerns, the subject fields and disciplines of the social studies, national and state curriculum standards, and the use of technology in the social studies.									
EHS	TEDU	EDTE	6980	Introduction to Teaching Secondary Social Studies	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Introduction to the teaching and learning of social studies in secondary schools. Overview of historical background, ideological concerns, the subject fields and disciplines of the social studies, national and state curriculum standards, and the use of technology in the social studies.									
EHS	TEDU	EDTE	6980L	Lab in Social Studies Methods	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6980 concurrent									
		COURSE DESC:		This course focuses on applying the knowledge gained in EDSE 6980 to curriculum planning and includes a field experience allowing students to move from theory to practice by developing and teaching social studies lessons in the classroom setting.									
EHS	TEDU	EDTE	7120	Principles of Middle Level Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 6120									
		COURSE DESC:		Analytical investigation of the historical, philosophical, and theoretical foundations and developmental characteristics relative to middle level education; analysis of . Review of major theories, relevant research, and the study of contemporary middle level structures and programs.									
EHS	TEDU	EDTE	7140	Advanced Seminar in Middle Level Education	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 7120									
		COURSE DESC:		Critical analysis and discussion of theory, research, major issues, problems, and trends in middle level education with particular emphasis on future plans, projections, and orientations. Critical analysis and discussion of theory, research, major issues, problems, and trends in the field of middle level education with particular emphasis on future plans, projections, and orientations.									
EHS	TEDU	EDTE	7150	Theories of Curriculum and Curriculum Change	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600									
		COURSE DESC:		Review of selected approaches to the study of curriculum, curriculum construction processes, and alternative frameworks for approaching curriculum development and change initiatives. Emphasis will be placed on articulating a) evidence-based approaches for proposing studies of curriculum and instructional processes in classrooms and schools, b) the relative influence of various participants in curriculum and curriculum development processes, including students, teacher(s), materials, media and technology, in relation to social and cultural contexts in classroom, school, home and community settings, and c) student learning outcomes.									
EHS	TEDU	EDTE	7150	Theories of Curriculum and Curriculum Change	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600									
		COURSE DESC:		Review of selected approaches to the study of curriculum, curriculum construction processes, and alternative frameworks for approaching curriculum development and change initiatives. Emphasis will be placed on articulating a) evidence-based approaches for proposing studies of curriculum and instructional processes in classrooms and schools, b) the relative influence of various participants in curriculum and curriculum development processes, including students, teacher(s), materials, media and technology, in relation to social and cultural contexts in classroom, school, home and community settings, and c) student learning outcomes.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7160	Observing Instruction and Assessing Learners Outcomes in Classrooms and Other Settings	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 and 7150 CR, PR									
		COURSE DESC:		Study of conceptual frameworks, strategies and approaches for observing and assessing the processes and outcomes of instruction and instructional performance in classrooms and/or other educational settings. Focus will be directed to a) questions or concerns guiding the interest, b) paradigmatic or conceptual frameworks adopted, c) learning outcomes intended by the instructor and/or the observer and/or relevant others. Emphasis will be placed on identification of empirical/evidence-based studies of teaching and learning, especially research on the teaching and learning of school subjects, managing and monitoring student learning, project-based learning, specialized or alternative curriculum models, induction-year teaching, and/or other frameworks for which empirical evidence and/or published support materials can be identified.									
EHS	TEDU	EDTE	7160	Observing Instruction and Assessing Learners Outcomes in Classrooms and Other Settings	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 and 7150 CR, PR									
		COURSE DESC:		Study of conceptual frameworks, strategies and approaches for observing and assessing the processes and outcomes of instruction and instructional performance in classrooms and/or other educational settings. Focus will be directed to a) questions or concerns guiding the interest, b) paradigmatic or conceptual frameworks adopted, c) learning outcomes intended by the instructor and/or the observer and/or relevant others. Emphasis will be placed on identification of empirical/evidence-based studies of teaching and learning, especially research on the teaching and learning of school subjects, managing and monitoring student learning, project-based learning, specialized or alternative curriculum models, induction-year teaching, and/or other frameworks for which empirical evidence and/or published support materials can be identified.									
EHS	TEDU	EDTE	7170	Dynamics of Curriculum Change	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the dynamics of curriculum change.									
EHS	TEDU	EDTE	7170	Dynamics of Curriculum Change	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the dynamics of curriculum change.									
EHS	TEDU	EDTE	7200	Foundations of Elementary Reading Instructions	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Critical evaluation of literature on recent research, objectives, content, and methodology in reading and reading instruction. current problems and issues, recent trends and emphases in teaching practices. Analysis of the impact of the history of reading/literacy instruction, dominant theories of learning and philosophies of education on current thinking and practices in reading/literacy.									
EHS	TEDU	EDTE	7200	Foundations of Elementary Reading Instructions	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Critical evaluation of literature on recent research, objectives, content, and methodology in reading and reading instruction. current problems and issues, recent trends and emphases in teaching practices. Analysis of the impact of the history of reading/literacy instruction, dominant theories of learning and philosophies of education on current thinking and practices in reading/literacy.									
EHS	TEDU	EDTE	7210	Foundations of Language Instruction	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of the issues surrounding diversity and the instruction of reading/literacy.									
EHS	TEDU	EDTE	7210	Foundations of Language Instruction	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of the issues surrounding diversity and the instruction of reading/literacy.									
EHS	TEDU	EDTE	7220	Diagnosis: Reading/Language	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 or 7260 CR, PR									
		COURSE DESC:		Provides an in-depth examination of issues surrounding the assessment of reading/literacy strengths and problems.									
EHS	TEDU	EDTE	7220	Diagnosis: Reading/Language	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 or 7260 CR, PR									
		COURSE DESC:		Provides an in-depth examination of issues surrounding the assessment of reading/literacy strengths and problems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7230	Laboratory Reading/Language	PRA	PR	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	EDTE	7230	Laboratory Reading/Language	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	EDTE	7230	Laboratory Reading/Language	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	EDTE	7240	Literature for Children and Adolescents	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									
EHS	TEDU	EDTE	7260	Secondary Reading Instruction	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Materials, methods, and techniques of secondary reading instruction for teaching adolescent learners of various abilities. Emphasis on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. This course contains a practicum experience working with an adolescent student with reading/literacy difficulties. Instruction is within one of the student's content areas with which the student is having problems in school.									
EHS	TEDU	EDTE	7260	Secondary Reading Instruction	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Materials, methods, and techniques of secondary reading instruction for teaching adolescent learners of various abilities. Emphasis on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. This course contains a practicum experience working with an adolescent student with reading/literacy difficulties. Instruction is within one of the student's content areas with which the student is having problems in school.									
EHS	TEDU	EDTE	7260	Secondary Reading Instruction	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220									
		COURSE DESC:		Materials, methods, and techniques of secondary reading instruction for teaching adolescent learners of various abilities. Emphasis on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. This course contains a practicum experience working with an adolescent student with reading/literacy difficulties. Instruction is within one of the student's content areas with which the student is having problems in school.									
EHS	TEDU	EDTE	7300	Curriculum in Mathematics Education	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Critical evaluation of literature and recent research on objectives, content, and methodology. History of instruction, current problems and issues, recent trends and emphases in teaching practices. Impact of dominant theories of learning and philosophies of education.									
EHS	TEDU	EDTE	7300	Curriculum in Mathematics Education	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Critical evaluation of literature and recent research on objectives, content, and methodology. History of instruction, current problems and issues, recent trends and emphases in teaching practices. Impact of dominant theories of learning and philosophies of education.									
EHS	TEDU	EDTE	7370	Piaget's Theory of Constructivism and Its Application in Education	DIS	DI	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course will examine Piaget's Constructivism by examining his own writings. In this course we will read together from books written by Piaget's and discuss how it relates to educational practice and pedagogy.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7370	Piaget's Theory of Constructivism and Its Application in Education	DIS	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7370	Piaget's Theory of Constructivism and Its Application in Education	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7370	Piaget's Theory of Constructivism and Its Application in Education	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7380	Democratic Education and other Progressive Models	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7380	Democratic Education and other Progressive Models	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7400	Curriculum in Science Education	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7400	Curriculum in Science Education	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7500	Inquiry and Value Clarification in Social Studies	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7500	Inquiry and Value Clarification in Social Studies	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7600	Readings and Research in Human Development	SEM	EL	1 to 6	6		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7600	Readings and Research in Human Development	SEM	SE	1 to 6	6		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7900	Advanced Seminar in Education Research	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7900	Advanced Seminar in Education Research	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	7920	Curriculum and Instruction Practicum	PRA	PR	1 to 6	12		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	8000	Advanced Dynamics of Human Learning	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	8000	Advanced Dynamics of Human Learning	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	8020	Dynamics of Change in Education	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	8040	Writing for Publication	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
EHS	TEDU	EDTE	8100	Seminar in Theories and Practices for Mentoring	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8200	Research and Curriculum in Elementary Education Reading	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR									
		COURSE DESC:		Critical evaluation of literature and recent research on objectives, content, and methodology. History of instruction, current problems and issues, recent trends and emphases in teaching practices. Impact of dominant theories of learning and philosophies of education.									
EHS	TEDU	EDTE	8200	Research and Curriculum in Elementary Education Reading	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR									
		COURSE DESC:		Critical evaluation of literature and recent research on objectives, content, and methodology. History of instruction, current problems and issues, recent trends and emphases in teaching practices. Impact of dominant theories of learning and philosophies of education.									
EHS	TEDU	EDTE	8230	Research and Curriculum in the Literacy Clinic	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR									
		COURSE DESC:		Independent study with topic restricted to some aspect/level of reading instruction.									
EHS	TEDU	EDTE	8230	Research and Curriculum in the Literacy Clinic	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR									
		COURSE DESC:		Independent study with topic restricted to some aspect/level of reading instruction.									
EHS	TEDU	EDTE	8240	Research and Curriculum: Literature in a Reading/Literacy Program	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7210 CR, PR									
		COURSE DESC:		Independent study with topic restricted to some aspect/level of language arts instruction.									
EHS	TEDU	EDTE	8240	Research and Curriculum: Literature in a Reading/Literacy Program	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7210 CR, PR									
		COURSE DESC:		Independent study with topic restricted to some aspect/level of language arts instruction.									
EHS	TEDU	EDTE	8310	Practicum in Mathematics	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Practicum in teaching math prior to the professional internship.									
EHS	TEDU	EDTE	8500	Seminar in Social Studies Curriculum	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Focuses on the foundations of social studies education. It includes an analysis of various schools of thought in the social studies, past and present, as well as school systems and delivery of the social studies curriculum.									
EHS	TEDU	EDTE	8510	Seminar in Social Studies Research	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 8500 PR									
		COURSE DESC:		Review of the social studies research literature. It includes a focus on current research topics featured in the field's major scholarly journals as well other significant research publications.									
EHS	TEDU	EDTE	8520	Seminar in Social Studies Education Research	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 8510 CR, PR									
		COURSE DESC:		Identification of reasonable problems that can be researched in social studies and development of appropriate research design.									
EHS	TEDU	EDTE	8520	Seminar in Social Studies Education Research	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 8510 CR, PR									
		COURSE DESC:		Identification of reasonable problems that can be researched in social studies and development of appropriate research design.									
EHS	TEDU	EDTE	8700	Legal Issues in Special Education	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides an in-depth and critical study of the historical evolution of legal issues in disabilities with attention to its constantly changing impact on policy and service systems for people with disabilities. Particular emphasis is placed on special education law as it applies to public schooling in limited resource environments.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8700	Legal Issues in Special Education	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides an in-depth and critical study of the historical evolution of legal issues in disabilities with attention to its constantly changing impact on policy and service systems for people with disabilities. Particular emphasis is placed on special education law as it applies to public schooling in limited resource environments.									
EHS	TEDU	EDTE	8720	Critical Issues and Current Trends in Special Education	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Examination of the most salient issues and questions facing the field of special education. Divergent perspectives regarding these challenges that currently confront the profession will be analyzed and evaluated, investigated, and collectively discussed along with trends that are profoundly altering both the manner in which special education teachers and administrators are professionally prepared, as well as the means by which children with diverse learning needs are delivered instruction in public school settings, with particular attention being given to the special challenges facing special educators and administrators in the delivery of quality services within limited resource environments									
EHS	TEDU	EDTE	8720	Critical Issues and Current Trends in Special Education	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Examination of the most salient issues and questions facing the field of special education. Divergent perspectives regarding these challenges that currently confront the profession will be analyzed and evaluated, investigated, and collectively discussed along with trends that are profoundly altering both the manner in which special education teachers and administrators are professionally prepared, as well as the means by which children with diverse learning needs are delivered instruction in public school settings, with particular attention being given to the special challenges facing special educators and administrators in the delivery of quality services within limited resource environments									
EHS	TEDU	EDTE	8740	Applied Research in Disabilities	SEM	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and EDRE 7200 CR, PR									
		COURSE DESC:		Designed to provide an overview of applied research in disabilities and Special Education. Research will be grouped and analyzed according to the type of methodology employed, including literature reviews, experimental and quasi-experimental designs, single-subject designs, applied quantitative research, qualitative research, and meta-analysis. Specific studies/papers in each area are analyzed and critiqued, with an emphasis on identifying best practices in applied research. Complete a research proposal as a final product attending to the Special Education Program's focus which centers on the delivery of quality services within limited resource environments									
EHS	TEDU	EDTE	8740	Applied Research in Disabilities	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and EDRE 7200 CR, PR									
		COURSE DESC:		Designed to provide an overview of applied research in disabilities and Special Education. Research will be grouped and analyzed according to the type of methodology employed, including literature reviews, experimental and quasi-experimental designs, single-subject designs, applied quantitative research, qualitative research, and meta-analysis. Specific studies/papers in each area are analyzed and critiqued, with an emphasis on identifying best practices in applied research. Complete a research proposal as a final product attending to the Special Education Program's focus which centers on the delivery of quality services within limited resource environments									
EHS	TEDU	EDTE	8900	Special Topics in Education - Teacher Education	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	8900	Special Topics in Education - Teacher Education	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	EDTE	8912	Research and Curriculum: Language and Literacy	INT	IN	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR									
		COURSE DESC:		Supervised field experiences in reading.									
EHS	TEDU	EDTE	8920	Practicum in Special Education	PRA	EL	1 to 10	10		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides applied learning experiences in a university, public school, governmental office, or agency and participation in professional activities which produces a tangible product. Experiences may include: college teaching, program development, grant writing, curriculum and/or program development, materials development, professional development to educators, policy development, and/or program management. Candidates will collaborate with professionals in special education, related services, an/or their professional colleagues. It will be a field based investigation intended to connect theory and research with practical application to enhance special education services in limited resource environments.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8920	Practicum in Special Education	PRA	PR	1 to 10	10		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides applied learning experiences in a university, public school, governmental office, or agency and participation in professional activities which produces a tangible product. Experiences may include: college teaching, program development, grant writing, curriculum and/or program development, materials development, professional development to educators, policy development, and/or program management. Candidates will collaborate with professionals in special education, related services, an/or their professional colleagues. It will be a field based investigation intended to connect theory and research with practical application to enhance special education services in limited resource environments.									
EHS	TEDU	EDTE	8920	Practicum in Special Education	SEM	SE	1 to 10	10		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Provides applied learning experiences in a university, public school, governmental office, or agency and participation in professional activities which produces a tangible product. Experiences may include: college teaching, program development, grant writing, curriculum and/or program development, materials development, professional development to educators, policy development, and/or program management. Candidates will collaborate with professionals in special education, related services, an/or their professional colleagues. It will be a field based investigation intended to connect theory and research with practical application to enhance special education services in limited resource environments.									
EHS	TEDU	EDTE	8921	Practicum in Secondary Education English	PRA	PR	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of the school system and its English curriculum with critique by faculty and report by student using available research.									
EHS	TEDU	EDTE	8922	Practicum in Secondary Education- Modern Foreign Languages	PRA	EL	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of the school system and its modern foreign language curriculum with critique by faculty and report using available research.									
EHS	TEDU	EDTE	8922	Practicum in Secondary Education- Modern Foreign Languages	PRA	PR	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of the school system and its modern foreign language curriculum with critique by faculty and report using available research.									
EHS	TEDU	EDTE	8923	Practicum in Science Education	PRA	PR	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		In-depth study of theory and foundations of science curricula and instructional practices within given school system; analysis of research as it applies to science education in schools.									
EHS	TEDU	EDTE	8930	Independent Study in Education	IND	IS	1 to 8	8		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Pre-dissertation independent doctoral study to increase content knowledge and pedagogical content knowledge.									
EHS	TEDU	EDTE	8940	Research in Mathematics Education	RSC	EL	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Research design and methodology in scientific investigations.									
EHS	TEDU	EDTE	8940	Research in Mathematics Education	RSC	RS	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Research design and methodology in scientific investigations.									
EHS	TEDU	EDTE	8941	Research in Science Education	RSC	RS	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Critical evaluation of recent research on objectives, content, and methodology in science education. Research design and methodology of these investigations studied in detail. Review of microfilm research studies and abstracts made to identify areas and problems requiring further research.									
EHS	TEDU	EDTE	8950	Dissertation	THE	TH	1 to 15	15		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Dissertation research.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	T3	4730	Childhood in America and its Historical and Sociocultural Impact on the Society in Which We Live	SEM	EL	3	0	3	N	U30		0
			ELIGIBLE GRADES:	GEC1: A-F	REQUISITE:	Sr only							
			COURSE DESC:	Students synthesize not only many different disciplines and media, but also past and present to synthesize an understanding of historical views of children, our views of children at the beginning of the 21st century and trends for the American idea of children in the next few decades and what will precipitate those changes.									
EHS	TEDU	T3	4730	Childhood in America and its Historical and Sociocultural Impact on the Society in Which We Live	SEM	SE	3	0	3	N	U30		0
			ELIGIBLE GRADES:	GEC1: A-F	REQUISITE:	Sr only							
			COURSE DESC:	Students synthesize not only many different disciplines and media, but also past and present to synthesize an understanding of historical views of children, our views of children at the beginning of the 21st century and trends for the American idea of children in the next few decades and what will precipitate those changes.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	1000	Introduction to Aviation ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Survey of civil aviation. Overview of aviation history, general aviation, types of air carrier aircraft, and the importance of the air transportation industry. Develops understanding of an airline flight from takeoff to landing.									
ENT	AVN	AVN	1100	Private Pilot Ground School ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: FAA mandated ground instruction covering radio navigation, meteorology, FAA regulations, communications, aircraft construction, and performance data to meet requirements of Private Pilot-Airplane Knowledge Test.									
ENT	AVN	AVN	2400	Private Pilot Flight Course ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0		I	U30		0
				GEC2: A-F, REQUISITE: Permission required PR Meets FAA mandated requirements for Private Pilot Certificate.									
ENT	AVN	AVN	2403	Private Pilot Flight Transfer Course ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		I	U30		0
				GEC2: A-F, REQUISITE: Permission required and FAA private pilot knowledge test passed PR Dual and solo flight instruction in cross-country navigation by pilotage, dead reckoning, and use of VOR, NDB, and HSI. Flight test preparation for private pilot certification included.									
ENT	AVN	AVN	2900	Special Topics in Aviation ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
ENT	AVN	AVN	2900	Special Topics in Aviation ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
ENT	AVN	AVN	3000	Aviation Laws and Regulations ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: AVN 1000 and 1100 Student obtains knowledge, background, and understanding of aviation laws and regulations. Emphasis is placed upon areas of legal concepts of operation, contracts, insurance and liability, regulatory statutes, and case law. In addition, various regulations of FAA, DOT, NTSB, and ICAO will be covered.									
ENT	AVN	AVN	3050	Aviation Weather ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: AVN 1100 and GEOG 3010 Identification of aviation weather hazards that affect pilots, dispatchers, and airport and airline management; familiarization with aviation weather products and providers; and application of weather interpretation to flight scenarios.									
ENT	AVN	AVN	3100	Instrument Pilot Ground School ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: AVN 1100 FAA mandated ground instruction covering various navigation systems and procedures, aircraft radios and communications, instrument flying, and air traffic control procedures. Includes functions of ATC centers, approach control, towers, and flight service stations. FAA regulations included. Meets all requirements for FAA Instrument Pilot Airplane Knowledge Test.									
ENT	AVN	AVN	3150	Aviation Safety ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: AVN 1100 Overview of aviation safety from management and pilot perspectives, including fundamental aviation safety concepts, risk theory and management, safety terms, prevention methodology, effective safety program organization, human factors, inspection programs, data and analytical information systems, and regulatory requirements.									
ENT	AVN	AVN	3250J	Professional Aviation Communication ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0	1J	N	U30		75
				GEC1: A-F REQUISITE: Tier I English and (Jr or Sr) Junior Composition Course with an emphasis on professional aviation communication. Provides opportunities to practice written and spoken communication skills, both individually and collaborative, which are appropriate for aviation professionals. Utilizes strategic managerial communication skills in analyzing aviation business issues or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.									
ENT	AVN	AVN	3250J	Professional Aviation Communication ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	1J	N	U30		75
				GEC1: A-F REQUISITE: Tier I English and (Jr or Sr) Junior Composition Course with an emphasis on professional aviation communication. Provides opportunities to practice written and spoken communication skills, both individually and collaborative, which are appropriate for aviation professionals. Utilizes strategic managerial communication skills in analyzing aviation business issues or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	3400	Cross-Country Flight	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Flight training consisting of VFR cross-country flights and basic attitude instrument flying.									
ENT	AVN	AVN	3500	Commercial Pilot Ground School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 1100 and 3100									
		COURSE DESC:		FAA mandated ground instruction covering advanced aerodynamics, radio navigation, FAA regulations, aircraft construction and performance, theories of flight, weight and balance, and instruments to meet requirements of Commercial Pilot Airplane Knowledge Test.									
ENT	AVN	AVN	3600	The National Airspace System	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 1100									
		COURSE DESC:		Air Traffic Control (ATC) Procedures used to separate aircraft, flow control, ATC phraseology, and navigation in the National Airspace System (NAS).									
ENT	AVN	AVN	3600	The National Airspace System	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 1100									
		COURSE DESC:		Air Traffic Control (ATC) Procedures used to separate aircraft, flow control, ATC phraseology, and navigation in the National Airspace System (NAS).									
ENT	AVN	AVN	3700	Aircraft Systems & Powerplants	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 3500									
		COURSE DESC:		In-depth study of simple and complex aircraft powerplants, fuel, electrical, hydraulic, and environmental systems.									
ENT	AVN	AVN	3800	General Aviation Operations and Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 1000 and 1100 and MGT 2000 and (Jr or Sr)									
		COURSE DESC:		A study of General Aviation including FBO's , marketing, sales, and management techniques. Marketing and management concepts applicable to FBO's and other general aviation enterprises are studied. Travel analysis is performed to determine the need for a business aircraft.									
ENT	AVN	AVN	3900	Airline Operations Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 1000 and 1100 and (MGT 2000 or MGT 2100) and (Jr or Sr)									
		COURSE DESC:		To give a broad understanding of the air transportation industry and the major management functions with an airline. Topics cover economics of airlines, managerial aspects, international aviation, and career planning.									
ENT	AVN	AVN	4000	Instrument Flight Course	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Instruction in flight by sole reference to instruments. Preparation for instrument rating.									
ENT	AVN	AVN	4050	Advanced Cross Country Flight	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AVN 4000									
		COURSE DESC:		PR Dual and solo Visual and Instrument cross country flight.									
ENT	AVN	AVN	4100	Aviation Ground Instructor Ground School	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 3500									
		COURSE DESC:		Comprehensive course covering aeronautical knowledge required of FAA Advanced Ground Instructors and Instrument Ground Instructors. Subjects to include, but not limited to, private pilot, navigation, weather, federal regulations, theory of flight, aircraft performance, radio communications and navigation, and fundamentals of instruction for teachers of aviation ground instruction courses. Guided self-study. Exam fees required.									
ENT	AVN	AVN	4150	Instrument Proficiency Check	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Instrument rating									
		COURSE DESC:		PR, F Provides review of instrument procedures to meet FAA current requirements.									
ENT	AVN	AVN	4200	Commercial Flight	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AVN 4050									
		COURSE DESC:		PR Flight instruction in single engine complex airplane. Preparation for Commercial Pilot Certificate ASEL.									
ENT	AVN	AVN	4300	Multi-Engine Flight Course	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Commercial pilot certificate									
		COURSE DESC:		PR FAA mandated instruction to meet FAA Practical Test Standards (PTS) for certification as Commercial Pilot AMEL. Procedures will include, but are not limited to; those with both engines operative, with 1 engine inoperative (feathered), single-engine speeds, effects of airplane configuration on engine-out performance, en route operations, and single-engine approaches and landings.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	4350	Flight Engineer	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and commercial pilot certificate							
		COURSE DESC:		Comprehensive course covering aeronautical knowledge required for the flight engineer rating, including federal aviation regulation, aerodynamics, meteorology, aircraft manuals, and aircraft systems. Guided self-study for FAA Flight Engineer Knowledge Test. Exam Fee Required.									
ENT	AVN	AVN	4400	Flight Instructor Ground School	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 3500							
		COURSE DESC:		FAA mandated ground instruction on FAA regulations and publications, weather, advanced flight computer operations, radio navigation, advanced aircraft and engine performance, and fundamentals of instructing. Covers requirements for FAA Fundamentals of Instructing Knowledge Test and Flight Instructor Airplane Knowledge Test.									
ENT	AVN	AVN	4450	Flight Instructor Flight Course	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Commercial pilot certificate and FAA fundamentals of instructing and flight instructor airplane knowledge tests passed							
		COURSE DESC:		PR	FAA mandated ground and flight instruction with emphasis on how to instruct, analysis of maneuvers and flight from right seat.								
ENT	AVN	AVN	4500	Instrument Instructor Ground Instruction	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 3100							
		COURSE DESC:		Comprehensive course covering aeronautical knowledge required for the Certified Flight Instructor - Instrument rating. Guided self-study for FAA Certified Flight Instructor - Instrument Knowledge Exam.									
ENT	AVN	AVN	4550	Instrument Instructor Flight Course	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Flight Instructor Certificate							
		COURSE DESC:		PR	Review of instrument course with emphasis on how to instruct on instruments.								
ENT	AVN	AVN	4600	ATP Ground Instruction	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and instrument rating and commercial multi-engine rating							
		COURSE DESC:		Comprehensive course covering specific requirements and duties of airline transport pilots in accordance with Federal Aviation Regulations. Provides aeronautical requirements for airline transport pilot written exam. Guided self-study for FAA Airline Transport Pilot Knowledge Test.									
ENT	AVN	AVN	4620	Multi-Engine Cross-Country Flight Course	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 4300 and AVN major							
		COURSE DESC:		Multi-engine cross-country flight into various controlled airports utilizing CRM techniques.									
ENT	AVN	AVN	4650	Flight Instructor Operations - Multi-Engine	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Flight instructor certificate- Instrument certificate- Commercial multiengine certificate							
		COURSE DESC:		PR	FAA mandated flight instruction in multi-engine operations and instruction practices, analysis of maneuvers, and practice teaching of multi-engine procedures.								
ENT	AVN	AVN	4700	ATP Multi-Engine Flight Course	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Commercial pilot certificate and multi-engine rating							
		COURSE DESC:		PR	Comprehensive course covering aircraft systems, weight and balance, FARs, and multi-engine aerodynamics. Flight including proficiency maneuvers and instrument procedures.								
ENT	AVN	AVN	4750	Internship in Aviation Operations	TUT	TU	2 to 16	16		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required of department chair							
		COURSE DESC:		Internship program in selected fields of aviation under direction of faculty member.									
ENT	AVN	AVN	4800	Business in Aviation	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 3900 and (MGT 2000 or MGT 2100) and Sr only							
		COURSE DESC:		This capstone is a study of business aviation operations, management and finance to include corporate, fractional, charter, Fixed Base Operator (FBO), and various aviation business models. Students will apply research methods to actual cases from business partners and function as aviation business consultants. The result will require a synthesis of ideas and suggested solutions presented to the business partners.									
ENT	AVN	AVN	4800	Business in Aviation	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 3900 and (MGT 2000 or MGT 2100) and Sr only							
		COURSE DESC:		This capstone is a study of business aviation operations, management and finance to include corporate, fractional, charter, Fixed Base Operator (FBO), and various aviation business models. Students will apply research methods to actual cases from business partners and function as aviation business consultants. The result will require a synthesis of ideas and suggested solutions presented to the business partners.									
ENT	AVN	AVN	4850	Advanced Aircraft and Flight Crew Operations	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 4300							
		COURSE DESC:		Introduction to advanced flight crew concepts and procedures with emphasis on professional pilot development, safety standardization, and crew resource management (CRM) techniques. The practical portion includes simulated industry-oriented flight training (air carrier instrument approach procedures, interview and training/qualification simulator profiles, and line-oriented Flight Training -- LOFT). Includes lectures and simulator instruction in Simulator/FTD.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	4850	Advanced Aircraft and Flight Crew Operations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 4300									
		COURSE DESC:		Introduction to advanced flight crew concepts and procedures with emphasis on professional pilot development, safety standardization, and crew resource management (CRM) techniques. The practical portion includes simulated industry-oriented flight training (air carrier instrument approach procedures, interview and training/qualification simulator profiles, and line-oriented Flight Training -- LOFT). Includes lectures and simulator instruction in Simulator/FTD.									
ENT	AVN	AVN	4860	Principles of Corporate Flight Operations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 4850									
		COURSE DESC:		Corporate pilot standards and practices with in-depth review of safety, standardization, and CRM concepts as applied to corporate flight operations. Will also cover aircraft systems, preflight, performance calculations, weight and balance, and emergency procedures in various piston and turbo-prop aircraft.									
ENT	AVN	AVN	4870	Corporate Flight Operations Internship	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN 4860									
		COURSE DESC:		An internship working for Ohio University Air Transport Service (A.T.S.) and/or Avionics Research Institute. Duties include flying as co-pilot in corporate flight operations in single-engine or multi-engine aircraft, as well as ground duties as part of a corporate flight management team.									
ENT	AVN	AVN	4890	Transition to Aviation Industry	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AVN major or minor and (Jr or Sr)									
		COURSE DESC:		Discussions and exercises to improve communication and networking skills while increasing knowledge of student's area of focus in the aviation industry. Topics include resume writing, interviewing, goal setting, report writing, presentation skills, public relations, and professional responsibilities.									
ENT	AVN	AVN	4900	Special Topics in Aviation	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	AVN	AVN	4900	Special Topics in Aviation	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	2000	Civil Engineering Fundamentals	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Overview of civil engineering profession and specialization areas, value of professional organizations and lifelong learning, introduction to departmental facilities, description of curriculum, advising responsibilities, communication skills, basic design concept, and impact of civil engineering on society.									
ENT	CE	CE	2000	Civil Engineering Fundamentals	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Overview of civil engineering profession and specialization areas, value of professional organizations and lifelong learning, introduction to departmental facilities, description of curriculum, advising responsibilities, communication skills, basic design concept, and impact of civil engineering on society.									
ENT	CE	CE	2010	Civil Engineering Computational Techniques	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 2302 Introduction to methods of problem solving, use of computers for calculations, applications or problem solving to civil engineering.									
ENT	CE	CE	2010	Civil Engineering Computational Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MATH 2302 Introduction to methods of problem solving, use of computers for calculations, applications or problem solving to civil engineering.									
ENT	CE	CE	2100	Elements of Land Surveying	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2220 Basic theory and field practice in measurement of distance, elevation, and angle; boundary surveying; introduction to GPS and photogrammetry.									
ENT	CE	CE	2100	Elements of Land Surveying	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2220 Basic theory and field practice in measurement of distance, elevation, and angle; boundary surveying; introduction to GPS and photogrammetry.									
ENT	CE	CE	2160	Construction Engineering and Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Overview of construction engineering and management, project funding, bidding and selection process, design and construction interface, competitive and negotiated contracts, planning and scheduling, estimation, equipment, productivity and safety.									
ENT	CE	CE	2220	Civil Engineering Graphics	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE major In this course, students will be introduced to basic Civil Engineering (CE) design concepts while learning AutoCAD. The class will introduce the basic features and some of the more advanced features of AutoCAD. After completing this course, a student should have sufficient knowledge and skills in AutoCAD to pass the AutoCAD certification as well as sufficient introduction to CE design to meet project requirements in other CE courses. 1 lec, 2 lab.									
ENT	CE	CE	2220	Civil Engineering Graphics	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE major In this course, students will be introduced to basic Civil Engineering (CE) design concepts while learning AutoCAD. The class will introduce the basic features and some of the more advanced features of AutoCAD. After completing this course, a student should have sufficient knowledge and skills in AutoCAD to pass the AutoCAD certification as well as sufficient introduction to CE design to meet project requirements in other CE courses. 1 lec, 2 lab.									
ENT	CE	CE	2900	Special Topics in Civil Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
ENT	CE	CE	2900	Special Topics in Civil Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
ENT	CE	CE	3110	Route Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 2100 Horizontal and vertical curves, geometric design of highways, and earth-work distribution.									
ENT	CE	CE	3120	Original Ohio Land Subdivisions	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course, designed for those who plan to sit for the State of Ohio's Professional Surveyors (PS) Exam or who are interested in the history of Ohio, provides a culmination of decades of research on field notes, plats, legislation, and observations on surveyors, cartographers, government officials, military commanders, Native Americans, early settlers, and land speculators that were intertwined with the historical development of Ohio lands and its subdivisions.									
ENT	CE	CE	3120	Original Ohio Land Subdivisions	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course, designed for those who plan to sit for the State of Ohio's Professional Surveyors (PS) Exam or who are interested in the history of Ohio, provides a culmination of decades of research on field notes, plats, legislation, and observations on surveyors, cartographers, government officials, military commanders, Native Americans, early settlers, and land speculators that were intertwined with the historical development of Ohio lands and its subdivisions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	3300	Structural Theory I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (CE 2010 or concurrent) and (C or better in ET 2220)									
				Determinacy requirements, analysis of statically determinate structures; influence lines, deflections, and introduction to analysis of statically indeterminate structures.									
ENT	CE	CE	3310	Structural Theory II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3300									
				Indeterminacy conditions for structures, slope deflection method, moment distribution method, influence lines, and introduction to computer methods.									
ENT	CE	CE	3310	Structural Theory II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3300									
				Indeterminacy conditions for structures, slope deflection method, moment distribution method, influence lines, and introduction to computer methods.									
ENT	CE	CE	3400	Fluid Mechanics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in ET 2240									
				Statics and dynamics of viscous and nonviscous fluids, dimensional analysis and similitude, pipe flow, principles of lift and drag, and introduction to boundary layers.									
ENT	CE	CE	3410	Hydraulics Laboratory	LAB	LB	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3420 or concurrent									
				Lab techniques, calibration principles, fluid and flow measurements, pipe network, and pump test.									
ENT	CE	CE	3420	Applied Hydraulics & Hydrology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3400 and (4000 or concurrent)									
				Flow and pressure distribution in multi-loop networks, dynamics of flow in pumps and turbines, uniform and nonuniform flow in open channels, culvert hydraulics, hydrologic cycle, groundwater flow, surface flows, and water storage.									
ENT	CE	CE	3530	Basics of Environmental Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Engineering concepts, theory, design, and practice as applied to solution of problems of environmental technologies; waste management; drainage; and control of water, soil, and atmospheric pollution; social and environmental impact of these solutions.									
ENT	CE	CE	3530	Basics of Environmental Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Engineering concepts, theory, design, and practice as applied to solution of problems of environmental technologies; waste management; drainage; and control of water, soil, and atmospheric pollution; social and environmental impact of these solutions.									
ENT	CE	CE	3610	Transportation Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3110									
				Introduction to Transportation Engineering with emphasis on transportation planning concepts and multi-modal design elements.									
ENT	CE	CE	3700	Geotechnical Engineering	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220 and GEOL 2830 and (CE 3400 or concurrent)									
				Soil compositions, physical and chemical properties, and classifications; water movement and seepage problems; consolidation and shear strength; applications to earth structures, retaining walls, slope stability, shallow & deep foundations, and soil erosion.									
ENT	CE	CE	3710	Soil Engineering Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3700 or concurrent									
				Classification of soils and determination of their properties through tests; grain size analysis, Atterberg limits, relative density, Proctor testing, permeability, direct shear, consolidation, unconfined compression, and CBR test.									
ENT	CE	CE	3800	Civil Engineering Materials	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220									
				Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.									
ENT	CE	CE	3800	Civil Engineering Materials	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220									
				Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.									
ENT	CE	CE	3800	Civil Engineering Materials	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220									
				Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.									
ENT	CE	CE	4000	Societal Concerns in Civil Engineering	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)									
				Engineering economics, statistics, ethics & professionalism (as related to civil engineering field). Emphasis will be placed on the preparation of economic justification reports, statistical reporting, and conclusion development and ethical position statements. 3 lec.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4000	Societal Concerns in Civil Engineering	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)									
		COURSE DESC:		Engineering economics, statistics, ethics & professionalism (as related to civil engineering field). Emphasis will be placed on the preparation of economic justification reports, statistical reporting, and conclusion development and ethical position statements. 3 lec.									
ENT	CE	CE	4100	Applied Boundary Surveying	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.									
ENT	CE	CE	4100	Applied Boundary Surveying	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.									
ENT	CE	CE	4110	Legal Principles in Boundary Location	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		In this course, the students learn the legal principles in determination of boundary locations and the role of evidence in that determination. The students also learn procedures for weighing conflicting forms of evidence and guidelines for evaluation.									
ENT	CE	CE	4110	Legal Principles in Boundary Location	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		In this course, the students learn the legal principles in determination of boundary locations and the role of evidence in that determination. The students also learn procedures for weighing conflicting forms of evidence and guidelines for evaluation.									
ENT	CE	CE	4150	Geodetic Surveying	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	CE	4150	Geodetic Surveying	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2100									
		COURSE DESC:		Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	CE	4160	Construction Estimating & Equipment	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	4160	Construction Estimating & Equipment	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	4170	Construction Planning and Scheduling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Techniques and applications of all aspects of the construction scheduling process; including background on scheduling construction projects, development of work breakdown structures, and transition to element of the construction project schedule; linear scheduling methods for heavy construction, use of real-world examples in civil engineering, and applications using Primavera Project Planner.									
ENT	CE	CE	4190	Project Development, Contracts, and Law	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	4190	Project Development, Contracts, and Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	4240	Strength of Materials II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ET 2220									
		COURSE DESC:		Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	CE	4240	Strength of Materials II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ET 2220									
		COURSE DESC:		Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4280	Experimental Methods in Civil Engineering	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and PHYS 2052 and CE 4000									
		COURSE DESC:		Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	CE	4280	Experimental Methods in Civil Engineering	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and PHYS 2052 and CE 4000									
		COURSE DESC:		Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	CE	4280	Experimental Methods in Civil Engineering	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and PHYS 2052 and CE 4000									
		COURSE DESC:		Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	CE	4320	Structural Design in Concrete	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2010 and 3300									
		COURSE DESC:		Materials and properties; design methods, strength of rectangular sections subject to bending moments, axial loads, and shear forces either separately or in combination; continuity in concrete construction; design of one-way slabs; design of T sections in bending; deflection calculations, and footing design.									
ENT	CE	CE	4330	Structural Design in Steel	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300									
		COURSE DESC:		Materials and properties; design methods, design of tension members; structural fasteners; design of compression members, beams, trusses, and frames.									
ENT	CE	CE	4370	Timber Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300									
		COURSE DESC:		Material properties and behavior of structural timber. Analysis and design of sawed timber and laminated timber members. Timber construction analysis and design.									
ENT	CE	CE	4370	Timber Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300									
		COURSE DESC:		Material properties and behavior of structural timber. Analysis and design of sawed timber and laminated timber members. Timber construction analysis and design.									
ENT	CE	CE	4380	Prestressed Concrete Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300 and CE 4320									
		COURSE DESC:		Theory of prestressing. Design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	CE	4380	Prestressed Concrete Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300 and CE 4320									
		COURSE DESC:		Theory of prestressing. Design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	CE	4450	Flow Routing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420									
		COURSE DESC:		Gradually varied flow computation, the use of computer software programs for flow routing, and their engineering applications.									
ENT	CE	CE	4450	Flow Routing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420									
		COURSE DESC:		Gradually varied flow computation, the use of computer software programs for flow routing, and their engineering applications.									
ENT	CE	CE	4500	Water & Wastewater Engineering	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3400 and CHEM 1510									
		COURSE DESC:		Sources and collection of public water supplies; principles of water treatment processes; quantities and collection of municipal wastewater; principles of wastewater treatment processes.									
ENT	CE	CE	4500	Water & Wastewater Engineering	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3400 and CHEM 1510									
		COURSE DESC:		Sources and collection of public water supplies; principles of water treatment processes; quantities and collection of municipal wastewater; principles of wastewater treatment processes.									
ENT	CE	CE	4510	In-Situ Remediation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 and CHEM 1510									
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
ENT	CE	CE	4510	In-Situ Remediation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 and CHEM 1510									
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4530	Solid & Hazardous Waste Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									
ENT	CE	CE	4530	Solid & Hazardous Waste Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									
ENT	CE	CE	4540	Sustainable Construction	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 2160									
				Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									
ENT	CE	CE	4540	Sustainable Construction	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 2160									
				Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									
ENT	CE	CE	4570	Water Resources Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3420									
				Elective senior civil engineering course designed to provide integrated treatment of water resources engineering, including hydrological measurements, runoff, groundwater, water law, reservoir design, frequency analysis, planning, flood control. Systems approach to multipurpose water resource projects emphasized.									
ENT	CE	CE	4570	Water Resources Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3420									
				Elective senior civil engineering course designed to provide integrated treatment of water resources engineering, including hydrological measurements, runoff, groundwater, water law, reservoir design, frequency analysis, planning, flood control. Systems approach to multipurpose water resource projects emphasized.									
ENT	CE	CE	4580	Water Quality Engineering	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	4580	Water Quality Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	4580	Water Quality Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)									
				Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	4630	Introduction to Highway Safety	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3610									
				Aspects of highway safety, identification of highway safety problems, and design/implementation/evaluation of highway safety improvement projects and programs.									
ENT	CE	CE	4630	Introduction to Highway Safety	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3610									
				Aspects of highway safety, identification of highway safety problems, and design/implementation/evaluation of highway safety improvement projects and programs.									
ENT	CE	CE	4640	Transportation Planning Fundamentals	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3610									
				Introduction to urban transportation planning, characteristics of urban travel, travel demand models, decision models, and future issues.									
ENT	CE	CE	4680	Traffic Signal Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3610									
				Traffic parameters, traffic data collection, capacity analysis of freeways, signalized intersection design, hardware, communication and detection systems, and coordinated signal system analysis and design.									
ENT	CE	CE	4680	Traffic Signal Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3610									
				Traffic parameters, traffic data collection, capacity analysis of freeways, signalized intersection design, hardware, communication and detection systems, and coordinated signal system analysis and design.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4710	Foundation Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700									
		COURSE DESC:		Design and construction problems in soil engineering, subsurface investigation, foundation selection and design criteria, principles of design of shallow and deep foundations, retaining walls, and site improvement.									
ENT	CE	CE	4710	Foundation Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700									
		COURSE DESC:		Design and construction problems in soil engineering, subsurface investigation, foundation selection and design criteria, principles of design of shallow and deep foundations, retaining walls, and site improvement.									
ENT	CE	CE	4740	Soil Mechanics Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700 and 3710									
		COURSE DESC:		Advanced techniques for measurement of soil engineering properties.									
ENT	CE	CE	4760	Soil Stabilization	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700 and 3710									
		COURSE DESC:		Engineering, geological, and pedological soil classification systems. Mineralogy of clay minerals and clay-water systems, requirements for and factors affecting soil stability. Methods and mechanics of soil stabilization, designing and testing stabilized soils.									
ENT	CE	CE	4760	Soil Stabilization	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700 and 3710									
		COURSE DESC:		Engineering, geological, and pedological soil classification systems. Mineralogy of clay minerals and clay-water systems, requirements for and factors affecting soil stability. Methods and mechanics of soil stabilization, designing and testing stabilized soils.									
ENT	CE	CE	4770	Rock Mechanics and Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2830 and CE 3700									
		COURSE DESC:		Physical properties and classification of intact rock and rock masses, rock exploration, engineering properties of rock, stresses in rock around underground openings, rock tunneling, rock slope stability, bolting, blasting, grouting, rock foundation design, and rock fracturing.									
ENT	CE	CE	4770	Rock Mechanics and Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2830 and CE 3700									
		COURSE DESC:		Physical properties and classification of intact rock and rock masses, rock exploration, engineering properties of rock, stresses in rock around underground openings, rock tunneling, rock slope stability, bolting, blasting, grouting, rock foundation design, and rock fracturing.									
ENT	CE	CE	4820	Paving Materials and Mixtures	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3800									
		COURSE DESC:		Types, constituents, chemical behavior, tests, specifications, and uses of bituminous materials, Portland cements, and aggregates in pavements. Design and manufacture of paving mixtures and construction of pavements.									
ENT	CE	CE	4820	Paving Materials and Mixtures	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3800									
		COURSE DESC:		Types, constituents, chemical behavior, tests, specifications, and uses of bituminous materials, Portland cements, and aggregates in pavements. Design and manufacture of paving mixtures and construction of pavements.									
ENT	CE	CE	4830	Principles of Pavement Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3610 and 3700									
		COURSE DESC:		Fundamentals of wheel loads and stresses in pavements. Properties in pavement components and design tests. Design methods and evaluations.									
ENT	CE	CE	4830	Principles of Pavement Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3610 and 3700									
		COURSE DESC:		Fundamentals of wheel loads and stresses in pavements. Properties in pavement components and design tests. Design methods and evaluations.									
ENT	CE	CE	4900	Special Topics in Civil Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	CE	4900	Special Topics in Civil Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	CE	4910	Senior Design- Land Development	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 and 3610 and Sr only									
		COURSE DESC:		An advanced applied engineering course utilizing multiple fundamental civil engineering courses as applied to land development.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4910	Senior Design- Land Development ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced applied engineering course utilizing multiple fundamental civil engineering courses as applied to land development.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4911	Senior Design--Environmental/Water Resources ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced applied engineering course utilizing combinations of water/wastewater treatment and hydraulics/hydrology courses as applied to society's needs.	LEC	EL	3	0	3	N	U30		0
ENT	CE	CE	4911	Senior Design--Environmental/Water Resources ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced applied engineering course utilizing combinations of water/wastewater treatment and hydraulics/hydrology courses as applied to society's needs.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4912	Senior Design--Structures and Foundations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A civil engineering design elective integrating fundamental civil engineering courses for foundation and structural design, analysis, and drawing.	LEC	EL	3	0	3	N	U30		0
ENT	CE	CE	4912	Senior Design--Structures and Foundations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A civil engineering design elective integrating fundamental civil engineering courses for foundation and structural design, analysis, and drawing.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4913	Senior Design- Special Project ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	LEC	EL	3	0		N	U30		0
ENT	CE	CE	4913	Senior Design- Special Project ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	LEC	LE	3	0		N	U30		0
ENT	CE	CE	4918	Undergraduate Internship in CE ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: Learning and working experience on a challenging construction project. The experience includes conducting progressively more responsible and educational work tasks in the civil engineering field, with the supervision of faculty.	INT	IN	1	2		N	U30		0
ENT	CE	CE	4940	CE Undergraduate Research Experience ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Students participate in an independent and original laboratory research project under the close supervision of a faculty advisor. This entails familiarization with relevant civil engineering literature, laboratory work, preparation of a report, and representation of a departmental seminar.	RSC	RS	3	6		I	U30		0
ENT	CE	CE	5100	Applied Boundary Surveying ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LAB	LB	2	0		N	G50		0
ENT	CE	CE	5100	Applied Boundary Surveying ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LEC	EL	2	0		N	G50		0
ENT	CE	CE	5100	Applied Boundary Surveying ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LEC	LE	2	0		N	G50		0
ENT	CE	CE	5110	Legal Principles in Boundary Location ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Students learn the legal principles in determination of boundary locations and the role of evidence in that determination. Students also learn procedures for weighing conflicting forms of evidence and guidelines for evaluation.	LEC	EL	2	0		I	G50		0
ENT	CE	CE	5110	Legal Principles in Boundary Location ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Students learn the legal principles in determination of boundary locations and the role of evidence in that determination. Students also learn procedures for weighing conflicting forms of evidence and guidelines for evaluation.	LEC	LE	2	0		I	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5150	Geodetic Surveying	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 2100									
				Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	CE	5150	Geodetic Surveying	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 2100									
				Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	CE	5160	Construction Estimating & Equipment	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	5160	Construction Estimating & Equipment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	5170	Construction Planning and Scheduling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Covers methods and techniques for planning and scheduling construction projects, Critical Path Method Scheduling, updating CPMs, resource allocation, work breakdown structures, cost control, schedule performance index, cost performance index, and Primavera Project Planner									
ENT	CE	CE	5170	Construction Planning and Scheduling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Covers methods and techniques for planning and scheduling construction projects, Critical Path Method Scheduling, updating CPMs, resource allocation, work breakdown structures, cost control, schedule performance index, cost performance index, and Primavera Project Planner									
ENT	CE	CE	5190	Project Development, Contracts, and Law	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	5190	Project Development, Contracts, and Law	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	5200	Finite Element Methods in Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Background theory, formulation, and application to one- and two-dimensional problems and techniques for analysis. Structures, consolidation, and wave propagation.									
ENT	CE	CE	5200	Finite Element Methods in Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Background theory, formulation, and application to one- and two-dimensional problems and techniques for analysis. Structures, consolidation, and wave propagation.									
ENT	CE	CE	5240	Strength of Materials II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220 or CE 222									
				Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	CE	5240	Strength of Materials II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 2220 or CE 222									
				Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	CE	5250	Advanced Strength of Materials	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Advanced treatment of theories of failure, stresses, and strains at a point, cross shear, unsymmetrical bending, curved beams, torsion, thick-walled cylinders, energy methods.									
ENT	CE	CE	5250	Advanced Strength of Materials	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Advanced treatment of theories of failure, stresses, and strains at a point, cross shear, unsymmetrical bending, curved beams, torsion, thick-walled cylinders, energy methods.									
ENT	CE	CE	5260	Theory of Stability	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Buckling of columns, beam columns, plates, and rings.									
ENT	CE	CE	5260	Theory of Stability	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Buckling of columns, beam columns, plates, and rings.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5270	Experimental Stress Analysis	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Elasticity theory, theory and use of mechanical, electrical, and other strain-measuring devices including photoelastic equipment.									
ENT	CE	CE	5270	Experimental Stress Analysis	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Elasticity theory, theory and use of mechanical, electrical, and other strain-measuring devices including photoelastic equipment.									
ENT	CE	CE	5280	Theory of Elasticity and Applications	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Equations of equilibrium and compatibility, stresses and strains in beams, curved members, thick cylinders, torsion, and structural members.									
ENT	CE	CE	5280	Theory of Elasticity and Applications	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Equations of equilibrium and compatibility, stresses and strains in beams, curved members, thick cylinders, torsion, and structural members.									
ENT	CE	CE	5310	Experimental Methods in Structural Dynamics	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Modal analysis of structural models to identify their vibration characteristics. Frequency response functions using dual-channel signal analyzers. Mobility measurement techniques. Modal parameter extraction techniques. Computer-aided structural dynamics.									
ENT	CE	CE	5310	Experimental Methods in Structural Dynamics	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Modal analysis of structural models to identify their vibration characteristics. Frequency response functions using dual-channel signal analyzers. Mobility measurement techniques. Modal parameter extraction techniques. Computer-aided structural dynamics.									
ENT	CE	CE	5310	Experimental Methods in Structural Dynamics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Permission required			
		COURSE DESC:		Modal analysis of structural models to identify their vibration characteristics. Frequency response functions using dual-channel signal analyzers. Mobility measurement techniques. Modal parameter extraction techniques. Computer-aided structural dynamics.									
ENT	CE	CE	5350	Advanced Steel Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Design of plate girders and build-up members, analysis of truss and frame structures, shear-moment at connections, metal fatigue, and fracture, plastic mechanics.									
ENT	CE	CE	5350	Advanced Steel Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Design of plate girders and build-up members, analysis of truss and frame structures, shear-moment at connections, metal fatigue, and fracture, plastic mechanics.									
ENT	CE	CE	5360	Advanced Reinforced Concrete Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	CE 5350			
		COURSE DESC:		Advanced design of reinforced concrete structures including biaxially loaded columns, slender columns, footings, 2-way slabs, and walls.									
ENT	CE	CE	5360	Advanced Reinforced Concrete Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	CE 5350			
		COURSE DESC:		Advanced design of reinforced concrete structures including biaxially loaded columns, slender columns, footings, 2-way slabs, and walls.									
ENT	CE	CE	5370	Timber Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Material properties and behavior of structural timber. Analysis and design of sawed timber and laminated timber members. Timber construction analysis and design.									
ENT	CE	CE	5370	Timber Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Material properties and behavior of structural timber. Analysis and design of sawed timber and laminated timber members. Timber construction analysis and design.									
ENT	CE	CE	5380	Prestressed Concrete Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Theory of prestressing, design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	CE	5380	Prestressed Concrete Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Theory of prestressing, design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	CE	5400	Deterministic Approaches in Water Resources	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	CE 3420 or equivalent			
		COURSE DESC:		Flood routing and overland-flow theory. Parametric hydrology, linear and nonlinear analysis of rainfall-runoff systems, unit and instantaneous unit hydrograph. Conceptual models for hydrologic watershed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5400	Deterministic Approaches in Water Resources	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 or equivalent									
		COURSE DESC:		Flood routing and overland-flow theory. Parametric hydrology, linear and nonlinear analysis of rainfall-runoff systems, unit and instantaneous unit hydrograph. Conceptual models for hydrologic watershed.									
ENT	CE	CE	5410	Stochastic Hydrology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 or equivalent									
		COURSE DESC:		Probability distributions applicable to hydrologic events; analysis of extremes, floods, and droughts; statistical associations between hydrologic variables. Analysis of hydrologic time series. Spectral and parametric formulation of stochastic models of precipitation, runoff, precipitation-runoff transfer.									
ENT	CE	CE	5410	Stochastic Hydrology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 or equivalent									
		COURSE DESC:		Probability distributions applicable to hydrologic events; analysis of extremes, floods, and droughts; statistical associations between hydrologic variables. Analysis of hydrologic time series. Spectral and parametric formulation of stochastic models of precipitation, runoff, precipitation-runoff transfer.									
ENT	CE	CE	5420	Applied Hydraulics & Hydrology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3400									
		COURSE DESC:		Flow and pressure distribution in multi-loop networks, dynamics of flow in pumps and turbines, uniform and nonuniform flow in open channels, culvert hydraulics, hydrologic cycle, groundwater flow, surface flows, and water storage.									
ENT	CE	CE	5430	Open Channel Hydraulics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of uniform and varied flow. Channel design for uniform flow, gradually varied flow profiles, channel transitions, hydraulic jumps, flow in prismatic and nonprismatic channels.									
ENT	CE	CE	5430	Open Channel Hydraulics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of uniform and varied flow. Channel design for uniform flow, gradually varied flow profiles, channel transitions, hydraulic jumps, flow in prismatic and nonprismatic channels.									
ENT	CE	CE	5450	Design of Hydraulic Structures	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 or equivalent									
		COURSE DESC:		Design flood peaks, flood hydrograph, spillway, penstock, and river channel regulation.									
ENT	CE	CE	5450	Design of Hydraulic Structures	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3420 or equivalent									
		COURSE DESC:		Design flood peaks, flood hydrograph, spillway, penstock, and river channel regulation.									
ENT	CE	CE	5510	In-Situ Remediation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
ENT	CE	CE	5510	In-Situ Remediation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
ENT	CE	CE	5530	Solid & Hazardous Waste Management	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3530 or equivalent or permission									
		COURSE DESC:		Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									
ENT	CE	CE	5530	Solid & Hazardous Waste Management	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3530 or equivalent or permission									
		COURSE DESC:		Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									
ENT	CE	CE	5540	Sustainable Construction	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									
ENT	CE	CE	5540	Sustainable Construction	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 2160									
		COURSE DESC:		Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5580	Water Quality Engineering ELIGIBLE GRADES: COURSE DESC:	LAB	LB	3	0		N	G50		0
				GEC1: A-F REQUISITE: CHEM 1510 Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	5580	Water Quality Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CHEM 1510 Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	5580	Water Quality Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CHEM 1510 Natural and man-made characteristics of water quality, changes in quality resulting from use, criteria for control of stream pollution, methods of improving water quality, also legal, economic, and institutional aspects lab methods and interpretation of results for chemical and bacteriological examination of water and wastewater.									
ENT	CE	CE	5630	Introduction to Highway Safety ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Aspects of highway safety; identification of highway safety problems; design/implementation/evaluation of highway safety improvement projects and programs.									
ENT	CE	CE	5630	Introduction to Highway Safety ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Aspects of highway safety; identification of highway safety problems; design/implementation/evaluation of highway safety improvement projects and programs.									
ENT	CE	CE	5640	Transportation Planning Fundamentals ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to urban transportation planning, characteristics of urban travel, travel demand models, decision models, and future issues.									
ENT	CE	CE	5670	Traffic Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Traffic data collection, capacity analysis of freeways for design, and signalized intersection design.									
ENT	CE	CE	5670	Traffic Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required Traffic data collection, capacity analysis of freeways for design, and signalized intersection design.									
ENT	CE	CE	5680	Traffic Signal Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Traffic parameters, traffic data collection, capacity analysis of freeways, signalized intersection design, hardware. communication and detection systems, coordinated signal system analysis and design.									
ENT	CE	CE	5680	Traffic Signal Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Traffic parameters, traffic data collection, capacity analysis of freeways, signalized intersection design, hardware. communication and detection systems, coordinated signal system analysis and design.									
ENT	CE	CE	5700	Geotechnical Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		I	G50		0
				GEC1: A-F REQUISITE: Permission required and (CE 3400 or concurrent) and ET 2220 and (GEOL 2830 or 283) Soil compositions, physical and chemical properties, and classifications; water movement and seepage problems; consolidation and shear strength; applications to earth structures, retaining walls, slope stability, shallow & deep foundations, and soil erosion.									
ENT	CE	CE	5720	Advanced Soil Mechanics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CE 3700 Water movement through soil, construction and interpretation of flow nets, stress distribution, compressibility and settlement of cohesive and noncohesive soil, consolidation theory, soil shear strength, lateral soil pressure, and slope stability.									
ENT	CE	CE	5720	Advanced Soil Mechanics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CE 3700 Water movement through soil, construction and interpretation of flow nets, stress distribution, compressibility and settlement of cohesive and noncohesive soil, consolidation theory, soil shear strength, lateral soil pressure, and slope stability.									
ENT	CE	CE	5740	Soil Mechanics Laboratory ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	G50		0
				GEC1: A-F REQUISITE: CE 3710 Advanced techniques for measurement of soil engineering properties.									
ENT	CE	CE	5750	Advanced Foundation Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CE 4710 Design of shallow and deep foundations for complex or unusual soil conditions; design of earth retaining structures including retaining walls, cofferdams, and sheet pile bulkheads; site improvement; and performance evaluation and instrumentation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5750	Advanced Foundation Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 4710									
		COURSE DESC:		Design of shallow and deep foundations for complex or unusual soil conditions; design of earth retaining structures including retaining walls, cofferdams, and sheet pile bulkheads; site improvement; and performance evaluation and instrumentation.									
ENT	CE	CE	5760	Soil Stabilization	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700									
		COURSE DESC:		Engineering, geological, and pedological soil classification systems. Mineralogy of clay minerals and clay-water systems, requirements for and factors affecting soil stability. Methods and mechanics of soil stabilization, designing and testing stabilized soils.									
ENT	CE	CE	5760	Soil Stabilization	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3700									
		COURSE DESC:		Engineering, geological, and pedological soil classification systems. Mineralogy of clay minerals and clay-water systems, requirements for and factors affecting soil stability. Methods and mechanics of soil stabilization, designing and testing stabilized soils.									
ENT	CE	CE	5770	Rock Mechanics and Design	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Physical properties and classification of intact rock and rock masses, rock exploration, engineering properties of rock, stresses in rock around underground openings. Rock tunneling, rock slope stability, bolting, blasting, grouting, and rock foundation design.									
ENT	CE	CE	5770	Rock Mechanics and Design	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Physical properties and classification of intact rock and rock masses, rock exploration, engineering properties of rock, stresses in rock around underground openings. Rock tunneling, rock slope stability, bolting, blasting, grouting, and rock foundation design.									
ENT	CE	CE	5820	Paving Materials and Mixtures	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Types, constituents, chemical behavior, tests, specifications, and uses of bituminous materials, Portland cements, and aggregates in pavements. Design and manufacture of paving mixtures and construction of pavements.									
ENT	CE	CE	5820	Paving Materials and Mixtures	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Types, constituents, chemical behavior, tests, specifications, and uses of bituminous materials, Portland cements, and aggregates in pavements. Design and manufacture of paving mixtures and construction of pavements.									
ENT	CE	CE	5830	Principles of Pavement Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamentals of wheel loads and stresses in pavements. Properties in pavement components and design tests. Design methods and evaluations.									
ENT	CE	CE	5830	Principles of Pavement Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamentals of wheel loads and stresses in pavements. Properties in pavement components and design tests. Design methods and evaluations.									
ENT	CE	CE	5860	Theory of Plates and Shells	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Bending of rectangular and circular plates, small and large deflection theory, and membrane and bending shell theory.									
ENT	CE	CE	5860	Theory of Plates and Shells	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Bending of rectangular and circular plates, small and large deflection theory, and membrane and bending shell theory.									
ENT	CE	CE	5880	Soil Dynamics	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Theory of vibrations, wave propagation in an elastic medium; dynamic properties of soils, seismology. Centrifuge modeling, liquefaction, foundation vibrations, design of machine foundations, pile foundations and dynamic settlement. Dynamic earth pressures and seismic stability of embankments.									
ENT	CE	CE	5880	Soil Dynamics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Theory of vibrations, wave propagation in an elastic medium; dynamic properties of soils, seismology. Centrifuge modeling, liquefaction, foundation vibrations, design of machine foundations, pile foundations and dynamic settlement. Dynamic earth pressures and seismic stability of embankments.									
ENT	CE	CE	5900	Special Topics in Civil Engineering	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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ENT	CE	CE	5900	Special Topics in Civil Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	CE	5940	Special Investigations	RSC	RS	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Special investigations or problems not covered by formal courses and not requiring thesis.									
ENT	CE	CE	6000	Applied Civil Engineering Statistics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Parametric and non-parametric statistical theories and applications related to modes of failure, interactions, probability distributions, and spacial relationships associated with the civil engineering discipline.									
ENT	CE	CE	6000	Applied Civil Engineering Statistics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Parametric and non-parametric statistical theories and applications related to modes of failure, interactions, probability distributions, and spacial relationships associated with the civil engineering discipline.									
ENT	CE	CE	6150	Heavy Construction Management	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Provides a foundation of heavy construction management knowledge appropriate for use in the engineering and construction industry. Covers construction management principles related to heavy construction project work. Topics covered include: life cycle cost analysis, contract administration, project planning, project progress tracking and control, project risk management, and project safety.									
ENT	CE	CE	6150	Heavy Construction Management	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Provides a foundation of heavy construction management knowledge appropriate for use in the engineering and construction industry. Covers construction management principles related to heavy construction project work. Topics covered include: life cycle cost analysis, contract administration, project planning, project progress tracking and control, project risk management, and project safety.									
ENT	CE	CE	6160	Computer Aided Construction Management	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Introduction to computer aided construction management. Topics include optimization, decision support systems, genetic algorithms, artificial intelligence and expert systems, neural networks, fuzzy logic, resource planning, and asset management.									
ENT	CE	CE	6160	Computer Aided Construction Management	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Introduction to computer aided construction management. Topics include optimization, decision support systems, genetic algorithms, artificial intelligence and expert systems, neural networks, fuzzy logic, resource planning, and asset management.									
ENT	CE	CE	6170	Design and Productivity of Construction Operations	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Methods used to measure productivity in civil engineering projects; modeling of construction operations using simulation software; productivity basics; productivity improvement and data collection; analysis and presentation of productivity data; and lean construction.									
ENT	CE	CE	6170	Design and Productivity of Construction Operations	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Methods used to measure productivity in civil engineering projects; modeling of construction operations using simulation software; productivity basics; productivity improvement and data collection; analysis and presentation of productivity data; and lean construction.									
ENT	CE	CE	6180	Project Risk Management	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Uncertainty and risk involved in construction projects, risk management, decision making, probablistic approaches, and predictive models.									
ENT	CE	CE	6180	Project Risk Management	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Uncertainty and risk involved in construction projects, risk management, decision making, probablistic approaches, and predictive models.									
ENT	CE	CE	6230	Continuum Mechanics I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Matrix methods in mechanics and structures; law of dynamics; mechanical properties of solids and fluids; and basic theories of continuum mechanics.									

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ENT	CE	CE	6230	Continuum Mechanics I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Matrix methods in mechanics and structures; law of dynamics; mechanical properties of solids and fluids; and basic theories of continuum mechanics.									
ENT	CE	CE	6250	Finite Element Methods in Mechanics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 5200									
				Development of elements from variational principles; application of finite element methods in static and dynamic continuum problems; computational techniques; and interpretation of results.									
ENT	CE	CE	6250	Finite Element Methods in Mechanics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 5200									
				Development of elements from variational principles; application of finite element methods in static and dynamic continuum problems; computational techniques; and interpretation of results.									
ENT	CE	CE	6310	Structural Reliability	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				First-order, second-moment reliability method, Monte Carlo simulation, load and resistance factors, reliability index, and code checking.									
ENT	CE	CE	6310	Structural Reliability	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				First-order, second-moment reliability method, Monte Carlo simulation, load and resistance factors, reliability index, and code checking.									
ENT	CE	CE	6320	Structural Dynamics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3300									
				Dynamic analysis of structures with multi-degree of freedom. Free and forced vibration analysis of elastic beams, frames, grids, and trusses. Earthquake and wind-induced vibration of high-rise buildings and bridges. Classical and computer methods.									
ENT	CE	CE	6320	Structural Dynamics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 3300									
				Dynamic analysis of structures with multi-degree of freedom. Free and forced vibration analysis of elastic beams, frames, grids, and trusses. Earthquake and wind-induced vibration of high-rise buildings and bridges. Classical and computer methods.									
ENT	CE	CE	6330	Earthquake Engineering	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Nature of earthquakes, measurement of earthquake motions, effects on soils and structures, and earthquake-resistant design.									
ENT	CE	CE	6330	Earthquake Engineering	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Nature of earthquakes, measurement of earthquake motions, effects on soils and structures, and earthquake-resistant design.									
ENT	CE	CE	6340	Bridge Engineering	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.									
ENT	CE	CE	6340	Bridge Engineering	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.									
ENT	CE	CE	6345	Bridge Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6340									
				Analysis and design of bridges using various materials in accordance with AASHTO specifications.									
ENT	CE	CE	6345	Bridge Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6340									
				Analysis and design of bridges using various materials in accordance with AASHTO specifications.									
ENT	CE	CE	6500	Chemical Fate and Transport in the Environment	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Physical processes controlling the fate and transport of pollutants in surface water soils. Processes studied include advection, diffusion, sorption, Henry's law, and abiotic transformations. Governing mathematical equations will be derived and several modeling packages utilized.									
ENT	CE	CE	6500	Chemical Fate and Transport in the Environment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Physical processes controlling the fate and transport of pollutants in surface water soils. Processes studied include advection, diffusion, sorption, Henry's law, and abiotic transformations. Governing mathematical equations will be derived and several modeling packages utilized.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	6530	Environmental Geotechnology I	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 3700 or 4500						
		COURSE DESC:		Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.									
ENT	CE	CE	6530	Environmental Geotechnology I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 3700 or 4500						
		COURSE DESC:		Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.									
ENT	CE	CE	6550	Advanced Water Treatment	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.									
ENT	CE	CE	6550	Advanced Water Treatment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.									
ENT	CE	CE	6560	Advanced Waste Water Treatment	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of biological treatment units. Practice in control methods.									
ENT	CE	CE	6560	Advanced Waste Water Treatment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of biological treatment units. Practice in control methods.									
ENT	CE	CE	6590	Surface Water Quality Modeling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 4500						
		COURSE DESC:		An advanced course on the fundamentals and principles that underlie the mathematical modeling techniques used to analyze the quality of surface waters.									
ENT	CE	CE	6590	Surface Water Quality Modeling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 4500						
		COURSE DESC:		An advanced course on the fundamentals and principles that underlie the mathematical modeling techniques used to analyze the quality of surface waters.									
ENT	CE	CE	6610	Environmental Analysis Transportation Systems	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		The role of environmental assessment in transportation planning and project development is addressed.									
ENT	CE	CE	6610	Environmental Analysis Transportation Systems	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		The role of environmental assessment in transportation planning and project development is addressed.									
ENT	CE	CE	6620	Transportation Design I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fundamentals of route design (sight distance, horizontal and vertical alignment, superelevation), design of interchanges and intersections, access management issues, roadway elements (pavement markings and signage), and economic considerations.									
ENT	CE	CE	6620	Transportation Design I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fundamentals of route design (sight distance, horizontal and vertical alignment, superelevation), design of interchanges and intersections, access management issues, roadway elements (pavement markings and signage), and economic considerations.									
ENT	CE	CE	6630	Highway Safety and Risk Management	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to highway safety improvement program and three plus standards. Specific topics include data collection, identification of hazardous locations, crash reconstruction, countermeasures, and risk management.									
ENT	CE	CE	6630	Highway Safety and Risk Management	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to highway safety improvement program and three plus standards. Specific topics include data collection, identification of hazardous locations, crash reconstruction, countermeasures, and risk management.									
ENT	CE	CE	6640	Urban Transportation Planning	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to urban transportation planning. Specific topics include characteristics of urban travel, decision making models and processes, travel demand models, and transportation system impacts and analysis.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	6640	Urban Transportation Planning	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to urban transportation planning. Specific topics include characteristics of urban travel, decision making models and processes, travel demand models, and transportation system impacts and analysis.									
ENT	CE	CE	6650	Traffic Impact Studies	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 6640						
		COURSE DESC:		Trip generation, distribution, and assignment; transport behavior of individuals and households; traffic impact studies; parking studies; on-site planning; site access and off-site improvements.									
ENT	CE	CE	6650	Traffic Impact Studies	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 6640						
		COURSE DESC:		Trip generation, distribution, and assignment; transport behavior of individuals and households; traffic impact studies; parking studies; on-site planning; site access and off-site improvements.									
ENT	CE	CE	6670	Traffic Parameters	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Microscopic and macroscopic traffic flow fundamentals and characteristics.									
ENT	CE	CE	6670	Traffic Parameters	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Microscopic and macroscopic traffic flow fundamentals and characteristics.									
ENT	CE	CE	6680	Regulations, Control and Signal Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 5670						
		COURSE DESC:		Research, theories, and applications of the Manual of Uniform Traffic Control Devices; Signs, Markings, Signals, and Other Traffic Control Devices.									
ENT	CE	CE	6680	Regulations, Control and Signal Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 5670						
		COURSE DESC:		Research, theories, and applications of the Manual of Uniform Traffic Control Devices; Signs, Markings, Signals, and Other Traffic Control Devices.									
ENT	CE	CE	6700	Computational Methods in Geomechanics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 5200						
		COURSE DESC:		Application of numerical techniques such as finite difference, finite element, and discrete element methods in solving geotechnical engineering problems related to seepage, diffusion, consolidation theory, slope stability, retaining wall, fracture, and dynamic motion.									
ENT	CE	CE	6700	Computational Methods in Geomechanics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CE 5200						
		COURSE DESC:		Application of numerical techniques such as finite difference, finite element, and discrete element methods in solving geotechnical engineering problems related to seepage, diffusion, consolidation theory, slope stability, retaining wall, fracture, and dynamic motion.									
ENT	CE	CE	6840	Constitutive Equations	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.									
ENT	CE	CE	6840	Constitutive Equations	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.									
ENT	CE	CE	6900	Special Topics in Civil Engineering	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	CE	CE	6900	Special Topics in Civil Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	CE	CE	6915	Civil Engineering Seminar	SEM	EL	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Presentation on research topics by students. Typically take in final year of graduate study.									
ENT	CE	CE	6915	Civil Engineering Seminar	SEM	SE	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Presentation on research topics by students. Typically take in final year of graduate study.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	6940	Research	RSC	RS	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Master's level research.									
ENT	CE	CE	6950	Master's Thesis	THE	TH	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Writing and defending a thesis.									
ENT	CE	CE	7100	Energy and Variational Principles	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Provides a solid foundation in variational calculus and energy methods as applied to solid mechanics. Approximate techniques are formulated for geotechnical problems.									
ENT	CE	CE	7100	Energy and Variational Principles	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Provides a solid foundation in variational calculus and energy methods as applied to solid mechanics. Approximate techniques are formulated for geotechnical problems.									
ENT	CE	CE	7230	Continuum Mechanics II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6230									
		COURSE DESC:		Tensor notation and application. Global behavior of solids, liquids, or gases under the influence of external disturbances. Basic laws of physical phenomena.									
ENT	CE	CE	7230	Continuum Mechanics II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6230									
		COURSE DESC:		Tensor notation and application. Global behavior of solids, liquids, or gases under the influence of external disturbances. Basic laws of physical phenomena.									
ENT	CE	CE	7290	Mathematical Theory of Elasticity	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5280									
		COURSE DESC:		Foundations of solid mechanics, compatibility equations, stress function, displacement potentials, finite element applications, and propagation of waves in elastic solid media.									
ENT	CE	CE	7290	Mathematical Theory of Elasticity	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5280									
		COURSE DESC:		Foundations of solid mechanics, compatibility equations, stress function, displacement potentials, finite element applications, and propagation of waves in elastic solid media.									
ENT	CE	CE	7300	Finite Element Methods II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5200									
		COURSE DESC:		Formulation and application to two- and three-dimensional problems and techniques for analysis in fluid mechanics, elastostatics, elastodynamics, and heat conduction.									
ENT	CE	CE	7300	Finite Element Methods II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5200									
		COURSE DESC:		Formulation and application to two- and three-dimensional problems and techniques for analysis in fluid mechanics, elastostatics, elastodynamics, and heat conduction.									
ENT	CE	CE	7360	Advanced Concrete Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5360									
		COURSE DESC:		Design of connections and composite sections. Truss analogy, yield line theory and high performance concrete.									
ENT	CE	CE	7360	Advanced Concrete Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5360									
		COURSE DESC:		Design of connections and composite sections. Truss analogy, yield line theory and high performance concrete.									
ENT	CE	CE	7430	Stochastic Modeling	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5510 or ISE 5000 or 504 or 505 or 506									
		COURSE DESC:		Stochastic theories and applications of geostatics.									
ENT	CE	CE	7430	Stochastic Modeling	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5510 or ISE 5000 or 504 or 505 or 506									
		COURSE DESC:		Stochastic theories and applications of geostatics.									
ENT	CE	CE	7510	Sludge Treatment Processes	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6550 and 6560									
		COURSE DESC:		Characterization of waste sludge from primary, chemical, and biological treatment; and design of sludge treatment processes.									
ENT	CE	CE	7510	Sludge Treatment Processes	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6550 and 6560									
		COURSE DESC:		Characterization of waste sludge from primary, chemical, and biological treatment; and design of sludge treatment processes.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	7520	Industrial Waste Treatment	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560									
				This comprehensive course addresses all of the important aspects of industrial waste treatment, including -- 1) environmental regulations; 2) classification, characterization, and study of industrial wastes by industrial category; 3) selection and combination of unit processes/operations for treatment; and 4) case studies.									
ENT	CE	CE	7520	Industrial Waste Treatment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560									
				This comprehensive course addresses all of the important aspects of industrial waste treatment, including -- 1) environmental regulations; 2) classification, characterization, and study of industrial wastes by industrial category; 3) selection and combination of unit processes/operations for treatment; and 4) case studies.									
ENT	CE	CE	7530	Biodegradation and Bioremediation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6500									
				The major biochemical pathways that are significant in the microbial conversion of xenobiotic compounds to common metabolic intermediates. Interpretation of quantification of biodegradation reactions and investigation of various physiochemical and environmental factors that impact biodegradation reactions.									
ENT	CE	CE	7530	Biodegradation and Bioremediation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6500									
				The major biochemical pathways that are significant in the microbial conversion of xenobiotic compounds to common metabolic intermediates. Interpretation of quantification of biodegradation reactions and investigation of various physiochemical and environmental factors that impact biodegradation reactions.									
ENT	CE	CE	7570	Subsurface Remediation	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Engineering design of systems to clean up contaminated soil and water above and below the water table. Physical, biological, and chemical methods. Emphasis on state-of-the-art technologies and most appropriate technology for a given site.									
ENT	CE	CE	7570	Subsurface Remediation	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Engineering design of systems to clean up contaminated soil and water above and below the water table. Physical, biological, and chemical methods. Emphasis on state-of-the-art technologies and most appropriate technology for a given site.									
ENT	CE	CE	7630	Advanced Highway Safety Studies and Evaluation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6630									
				Introduction to advanced highway safety studies. Specific topics include human factor relationships to safety, road safety management systems, safety data, statistical procedures, intersection studies, freeway studies, safety audit, and crash data.									
ENT	CE	CE	7630	Advanced Highway Safety Studies and Evaluation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6630									
				Introduction to advanced highway safety studies. Specific topics include human factor relationships to safety, road safety management systems, safety data, statistical procedures, intersection studies, freeway studies, safety audit, and crash data.									
ENT	CE	CE	7640	Mass Transportation Systems	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6640									
				Introduction to mass transportation systems. Specific topics include transit modes, mode selection, passenger classification, urban rail transit, highway transit, intelligent system, and transit cost models.									
ENT	CE	CE	7640	Mass Transportation Systems	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6640									
				Introduction to mass transportation systems. Specific topics include transit modes, mode selection, passenger classification, urban rail transit, highway transit, intelligent system, and transit cost models.									
ENT	CE	CE	7650	Airport Planning and Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6640									
				Introduction to all essential issues related to airport planning and design. Specific topics include design issues confronting airports, runway configurations, wind analysis, obstruction analysis, runway pavement, and master planning.									
ENT	CE	CE	7650	Airport Planning and Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 6640									
				Introduction to all essential issues related to airport planning and design. Specific topics include design issues confronting airports, runway configurations, wind analysis, obstruction analysis, runway pavement, and master planning.									
ENT	CE	CE	7680	Advanced Traffic Signal Operations Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CE 4670 or 5670									
				Introduction to advanced traffic signal operations design. Specific topics include analytical aspects of traffic signal systems, isolated signal timing design, phasing design, time space diagrams, capacity software, clearance interval design, and network optimization.									

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ENT	CE	CE	7680	Advanced Traffic Signal Operations Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 4670 or 5670									
		COURSE DESC:		Introduction to advanced traffic signal operations design. Specific topics include analytical aspects of traffic signal systems, isolated signal timing design, phasing design, time space diagrams, capacity software, clearance interval design, and network optimization.									
ENT	CE	CE	7710	Engineering Behavior of Soils	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Micro-structure aspects of soil behavior including clays and sands; clay-water electrolyte systems; soil fabric and its measurements; soil composition; influence of structure, fabric, and compositional variables on soil properties; inter-granular stresses; conduction phenomena; volume change behavior; drained and undrained strength, and deformation behavior.									
ENT	CE	CE	7710	Engineering Behavior of Soils	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Micro-structure aspects of soil behavior including clays and sands; clay-water electrolyte systems; soil fabric and its measurements; soil composition; influence of structure, fabric, and compositional variables on soil properties; inter-granular stresses; conduction phenomena; volume change behavior; drained and undrained strength, and deformation behavior.									
ENT	CE	CE	7740	Experimental Soil Mechanics	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5720									
		COURSE DESC:		Experimental studies of advanced aspects of soil property measurements to evaluate the engineering behavior of soil for applications to geotechnical analysis and design.									
ENT	CE	CE	7740	Experimental Soil Mechanics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5720									
		COURSE DESC:		Experimental studies of advanced aspects of soil property measurements to evaluate the engineering behavior of soil for applications to geotechnical analysis and design.									
ENT	CE	CE	7740	Experimental Soil Mechanics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 5720									
		COURSE DESC:		Experimental studies of advanced aspects of soil property measurements to evaluate the engineering behavior of soil for applications to geotechnical analysis and design.									
ENT	CE	CE	7900	Special Topics in Civil Engineering	LEC	EL	1 to 4	4		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Special topics or problems not covered by formal courses.									
ENT	CE	CE	7900	Special Topics in Civil Engineering	LEC	LE	1 to 4	4		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Special topics or problems not covered by formal courses.									
ENT	CE	CE	8530	Environmental Geotechnology II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6530									
		COURSE DESC:		Addresses the technical and practical engineering issues of containment of wastes and restoration of contaminated and/or disturbed portions of the geoenvironment.									
ENT	CE	CE	8530	Environmental Geotechnology II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6530									
		COURSE DESC:		Addresses the technical and practical engineering issues of containment of wastes and restoration of contaminated and/or disturbed portions of the geoenvironment.									
ENT	CE	CE	8620	Transportation Design II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6620									
		COURSE DESC:		The results of current geometric design research are reviewed. The challenges to the design of roadside features, drainage systems, and horizontal/vertical alignment of roadways are investigated for computer integrated surveying, design, and construction applications.									
ENT	CE	CE	8620	Transportation Design II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6620									
		COURSE DESC:		The results of current geometric design research are reviewed. The challenges to the design of roadside features, drainage systems, and horizontal/vertical alignment of roadways are investigated for computer integrated surveying, design, and construction applications.									
ENT	CE	CE	8630	Statistical and Econometric Methods for Transportation Safety Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 7630									
		COURSE DESC:		Introduction to various statistical methods for analyzing the effectiveness of traffic crash countermeasures.									
ENT	CE	CE	8630	Statistical and Econometric Methods for Transportation Safety Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 7630									
		COURSE DESC:		Introduction to various statistical methods for analyzing the effectiveness of traffic crash countermeasures.									
ENT	CE	CE	8640	Transit Planning	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 7640									
		COURSE DESC:		Several essential topics related to public transit systems and management/safety/regulatory issues related to them.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	8640	Transit Planning	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 7640							
		COURSE DESC:		Several essential topics related to public transit systems and management/safety/regulatory issues related to them.									
ENT	CE	CE	8670	Traffic Flow Theory	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 6670							
		COURSE DESC:		Fundamentals of traffic flow, definitions, concepts, and calibrating relationships. Consideration is given to the applicability of the Greenshields, Underwood, and Edie models. The development of flow-speed and flow-density relationships for existing highways is examined.									
ENT	CE	CE	8670	Traffic Flow Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 6670							
		COURSE DESC:		Fundamentals of traffic flow, definitions, concepts, and calibrating relationships. Consideration is given to the applicability of the Greenshields, Underwood, and Edie models. The development of flow-speed and flow-density relationships for existing highways is examined.									
ENT	CE	CE	8680	Progressed Systems, Detection, and Control	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 7680							
		COURSE DESC:		The underlying principles for traffic detection strategies are considered. The characteristics, suitability, accuracy, and current vehicle detection strategies are considered for rural application. Requirements for system integration of traffic detection and traffic control are identified.									
ENT	CE	CE	8680	Progressed Systems, Detection, and Control	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 7680							
		COURSE DESC:		The underlying principles for traffic detection strategies are considered. The characteristics, suitability, accuracy, and current vehicle detection strategies are considered for rural application. Requirements for system integration of traffic detection and traffic control are identified.									
ENT	CE	CE	8850	Soil-Structure Interaction	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5200 and 5720							
		COURSE DESC:		Beams and plates on elastic foundation, axially and laterally loaded piles, retaining walls, interface elements, and construction sequences.									
ENT	CE	CE	8850	Soil-Structure Interaction	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5200 and 5720							
		COURSE DESC:		Beams and plates on elastic foundation, axially and laterally loaded piles, retaining walls, interface elements, and construction sequences.									
ENT	CE	CE	8900	Special Topics in Civil Engineering	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR	Specific course content will vary with offering.								
ENT	CE	CE	8900	Special Topics in Civil Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:								
		COURSE DESC:		CR, PR	Specific course content will vary with offering.								
ENT	CE	CE	8915	Seminar on Teaching in Civil Engineering	SEM	EL	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required							
		COURSE DESC:		PR, F	Introduction to several issues related to teaching ranging from syllabus preparation to lecturing to academic dishonesty; and actual teaching assignments in classroom to assist faculty conducting undergraduate level courses.								
ENT	CE	CE	8915	Seminar on Teaching in Civil Engineering	SEM	SE	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required							
		COURSE DESC:		PR, F	Introduction to several issues related to teaching ranging from syllabus preparation to lecturing to academic dishonesty; and actual teaching assignments in classroom to assist faculty conducting undergraduate level courses.								
ENT	CE	CE	8940	Doctoral Research	RSC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR	Doctoral Research								
ENT	CE	CE	8940	Doctoral Research	RSC	RS	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		CR, PR	Doctoral Research								
ENT	CE	CE	8950	Doctoral Dissertation	THE	TH	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required							
		COURSE DESC:		PR, F	Doctoral dissertation.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	BME	5000	Introduction to Biomedical Engineering	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Overview of the academic units, institutes, centers, and faculty involved in biomedical and biomedical engineering research at Ohio University. Equipment and resources available for biomedical engineering research at Ohio University.									
ENT	CHE	BME	5010	Biomedical Engineering Professional Development	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Academic and industrial career opportunities in biomedical engineering; generation, protection, and development of intellectual property; starting and growing biomedical companies; effective scientific presentations; technical writing; ethics in biomedical sciences and biomedical engineering.									
ENT	CHE	BME	5100	Medical Informatics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Medical information processing, including biomedical databases and information retrieval systems, electronic patient records, medical imaging, biosignal processing, patient care systems, and clinical decision support systems. Effective use of technical resources available to clinicians and biomedical researchers. Issues involved in developing new biomedical information systems, including public policy and regulation, security, privacy, and ethics.									
ENT	CHE	BME	5120	Biomedical Instrumentation	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Covers acquisition, measurement and processing of physiological signals from the human body. Topics include basic sensors and principles, biopotentials, blood pressure and sound, measuring the flow and volume of blood, measurements of the respiratory system, therapeutic and prosthetic devices, and electrical safety.									
ENT	CHE	BME	5670	Engineering Biomechanics of Human Motion	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									
ENT	CHE	BME	5670	Engineering Biomechanics of Human Motion	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									
ENT	CHE	BME	5820	Nano- and Biointerfaces	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed to introduce the students to particle suspensions and biological interfaces, in which the boundaries play an important role in the physical and chemical properties of the system. As the materials become smaller, more of their total mass becomes part of the interface, thus an understanding of interfacial properties is important in working with suspensions containing small or nano-sized particles. This course provides an understanding of the fundamentals of interfacial behavior in nanoparticle systems and in biological interfaces, with an emphasis on applications.									
ENT	CHE	BME	5830	Applied Cellular and Molecular Biology	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	BME	5830	Applied Cellular and Molecular Biology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	BME	5840	Applied Immunology	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 5310									
		COURSE DESC:		The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	BME	5840	Applied Immunology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PBIO 5310									
		COURSE DESC:		The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	BME	5850	Drug Design and Delivery	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The identification and development of small molecule therapeutics, targeted drug delivery, and models of drug transport.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	BME	5900	Special Topics in Biomedical Engineering	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	BME	5900	Special Topics in Biomedical Engineering	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	BME	6000	Seminar in Biomedical Engineering	SEM	SE	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Special presentations on current relevant topics presented by internal and external experts in biomedical research / biomedical engineering.									
ENT	CHE	BME	6670	Advanced Biomechanics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BME 5670									
		COURSE DESC:		Will cover advanced topics in mechanics and strength of materials applied to bone, tissue, and cells. Energy techniques in stress analysis of bones and cells, strength and failure modes will be considered. Fatigue and fracture mechanics will be covered in detail.									
ENT	CHE	BME	6900	Special Topics in Biomedical Engineering	LEC	LE	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced study in a particular area of biomedical engineering not specifically covered in other courses.									
ENT	CHE	BME	6910	Biomedical Engineering Internship	INT	IN	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Designed for students who want or need to do an internship as part of the MS BME program.									
ENT	CHE	BME	6940	Research in Biomedical Engineering	RSC	RS	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Individual, non-thesis research related to biomedical engineering, arranged with a specific professor.									
ENT	CHE	BME	6950	Biomedical Engineering Thesis	THE	TH	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Thesis research for MS in biomedical engineering.									
ENT	CHE	CHE	1000	Introduction to Chemical Engineering	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph									
		COURSE DESC:		Overview of the profession's history, present status, and future opportunities. Goals and details of the curriculum.									
ENT	CHE	CHE	1800	Approaches to Chemical Engineering Problem Solving	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math 1300 or Math 2301 or Math Placement Level 3									
		COURSE DESC:		Introduction to goals and methods of problem-solving techniques; uses of computers for calculations, document preparation. Introduction to the logic of programming. Implementation of selected professional software.									
ENT	CHE	CHE	1800	Approaches to Chemical Engineering Problem Solving	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math 1300 or Math 2301 or Math Placement Level 3									
		COURSE DESC:		Introduction to goals and methods of problem-solving techniques; uses of computers for calculations, document preparation. Introduction to the logic of programming. Implementation of selected professional software.									
ENT	CHE	CHE	1800	Approaches to Chemical Engineering Problem Solving	REC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math 1300 or Math 2301 or Math Placement Level 3									
		COURSE DESC:		Introduction to goals and methods of problem-solving techniques; uses of computers for calculations, document preparation. Introduction to the logic of programming. Implementation of selected professional software.									
ENT	CHE	CHE	1800	Approaches to Chemical Engineering Problem Solving	REC	RE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math 1300 or Math 2301 or Math Placement Level 3									
		COURSE DESC:		Introduction to goals and methods of problem-solving techniques; uses of computers for calculations, document preparation. Introduction to the logic of programming. Implementation of selected professional software.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	2000	Mass and Energy Balances I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510									
		COURSE DESC:		Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion.									
ENT	CHE	CHE	2000	Mass and Energy Balances I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510									
		COURSE DESC:		Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion.									
ENT	CHE	CHE	2010	Mass and Energy Balances II	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520 and CHE 1800 and C or better in CHE 2000 and (ENG 1510 or 1610) and Soph or higher									
		COURSE DESC:		Continuation of ChE 2000. Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion. This course has JE status and specific instruction in technical communication will be presented.									
ENT	CHE	CHE	2010	Mass and Energy Balances II	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520 and CHE 1800 and C or better in CHE 2000 and (ENG 1510 or 1610) and Soph or higher									
		COURSE DESC:		Continuation of ChE 2000. Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion. This course has JE status and specific instruction in technical communication will be presented.									
ENT	CHE	CHE	2900	Special Topics in Chemical Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	CHE	2900	Special Topics in Chemical Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	CHE	3210	Chemical Engineering Phase Equilibria	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and C or better in CHE 2010									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	3210	Chemical Engineering Phase Equilibria	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and C or better in CHE 2010									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	3210	Chemical Engineering Phase Equilibria	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and C or better in CHE 2010									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	3210	Chemical Engineering Phase Equilibria	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and C or better in CHE 2010									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	3400	Chemical Engineering Fluid Mechanics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010									
		COURSE DESC:		Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	CHE	3400	Chemical Engineering Fluid Mechanics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010									
		COURSE DESC:		Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	CHE	3400	Chemical Engineering Fluid Mechanics	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010									
		COURSE DESC:		Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	3400	Chemical Engineering Fluid Mechanics ELIGIBLE GRADES: GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010 COURSE DESC: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.	REC	RE	3	0		N	U30		0
ENT	CHE	CHE	3500	Chemical Engineering Heat Transfer ELIGIBLE GRADES: GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010 COURSE DESC: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	3500	Chemical Engineering Heat Transfer ELIGIBLE GRADES: GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010 COURSE DESC: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	3500	Chemical Engineering Heat Transfer ELIGIBLE GRADES: GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010 COURSE DESC: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.	REC	EL	3	0		N	U30		0
ENT	CHE	CHE	3500	Chemical Engineering Heat Transfer ELIGIBLE GRADES: GEC1: A-F REQUISITE: ET 3200 and MATH 3400 and C or better in CHE 2010 COURSE DESC: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.	REC	RE	3	0		N	U30		0
ENT	CHE	CHE	3600	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	3600	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	3600	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.	REC	EL	3	0		N	U30		0
ENT	CHE	CHE	3600	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.	REC	RE	3	0		N	U30		0
ENT	CHE	CHE	3700	Chemical Reaction Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Application of chemical kinetics and material and energy balances to the design of chemical reaction systems.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	3700	Chemical Reaction Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3500 COURSE DESC: Application of chemical kinetics and material and energy balances to the design of chemical reaction systems.	REC	RE	3	0		N	U30		0
ENT	CHE	CHE	3800	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3400 and 3500 and MATH 3200 COURSE DESC: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	3800	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3400 and 3500 and MATH 3200 COURSE DESC: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	3800	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHE 3210 and 3400 and 3500 and MATH 3200 COURSE DESC: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.	REC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	3800	Chemical Engineering Modeling and Applied Calculations	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3210 and 3400 and 3500 and MATH 3200									
		COURSE DESC:		Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.									
ENT	CHE	CHE	4000	Chemical Engineering Professional and Ethical Issues	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600									
		COURSE DESC:		Readings and discussion of professional and ethical responsibility, the impact of engineering solutions in a global and societal context, the need for lifelong learning, and knowledge of contemporary issues.									
ENT	CHE	CHE	4000	Chemical Engineering Professional and Ethical Issues	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600									
		COURSE DESC:		Readings and discussion of professional and ethical responsibility, the impact of engineering solutions in a global and societal context, the need for lifelong learning, and knowledge of contemporary issues.									
ENT	CHE	CHE	4110	Unit Operations Lab I	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600, 3700, and 3800 and C or better in CHE 2010									
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	4110	Unit Operations Lab I	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600, 3700, and 3800 and C or better in CHE 2010									
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	4120	Unit Operations Lab II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 4110									
		COURSE DESC:		Continuation of ChE 4110. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	4200	Chemical Process Control	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700 and 3800									
		COURSE DESC:		Control of chemical manufacturing processes. Steady state and dynamic characteristics of chemical processes, measurement devices and control elements, and control systems. Design, analysis, simulation, and optimization of chemical process control systems.									
ENT	CHE	CHE	4200	Chemical Process Control	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700 and 3800									
		COURSE DESC:		Control of chemical manufacturing processes. Steady state and dynamic characteristics of chemical processes, measurement devices and control elements, and control systems. Design, analysis, simulation, and optimization of chemical process control systems.									
ENT	CHE	CHE	4200	Chemical Process Control	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700 and 3800									
		COURSE DESC:		Control of chemical manufacturing processes. Steady state and dynamic characteristics of chemical processes, measurement devices and control elements, and control systems. Design, analysis, simulation, and optimization of chemical process control systems.									
ENT	CHE	CHE	4200	Chemical Process Control	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700 and 3800									
		COURSE DESC:		Control of chemical manufacturing processes. Steady state and dynamic characteristics of chemical processes, measurement devices and control elements, and control systems. Design, analysis, simulation, and optimization of chemical process control systems.									
ENT	CHE	CHE	4300	Chemical Engineering Process Design I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700									
		COURSE DESC:		Study and practice of the steps required for preliminary design of chemical processes. Process synthesis, computer flowsheeting, layout, economics and process safety are presented. Practice and assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	CHE	4300	Chemical Engineering Process Design I	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700									
		COURSE DESC:		Study and practice of the steps required for preliminary design of chemical processes. Process synthesis, computer flowsheeting, layout, economics and process safety are presented. Practice and assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	4310	Chemical Engineering Process Design II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 4200 and 4300 Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.	LEC	LE	3	0	3	N	U30		0
ENT	CHE	CHE	4310	Chemical Engineering Process Design II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 4200 and 4300 Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.	REC	RE	3	0	3	N	U30		0
ENT	CHE	CHE	4400	Advanced Topics in Materials Science and Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 2300 Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	4400	Advanced Topics in Materials Science and Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 2300 Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4410L	Materials Characterization Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 2300 Laboratory course for the study of microstructure and properties of steels. Hands-on experience in metallography, microscopy, heat treatment, hardness and tensile testing. Demonstration of impact test, hardenability test (Jominy bar), scanning electron microscopy and surface profilometer.	LAB	LB	3	0		N	U30		0
ENT	CHE	CHE	4420	Metallic Corrosion ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in ET 2300 The primary objective is to cover the fundamental aspects of metallic corrosion and its' mitigation. Basic principles of corrosion including electrochemical foundation, influence of environment, stress, strain, and structure. Selected lab experiments.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4430	Polymer Synthesis & Properties ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 3210 or CHEM 4530 In depth study of polymer structure, reaction mechanics, and reaction kinetics. Presentation of polymer reactors, processing, and properties.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4500	Coal Conversion Technologies ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 3600 and 3700 Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	4500	Coal Conversion Technologies ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 3600 and 3700 Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4520	Analysis of Electrochemical Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHE 3210 and 3500 and CHEM 1520 Application of thermodynamics, transport phenomena, and reaction engineering to the design and understanding of electrochemical processes. Emphasis will be made in important industrial electrochemical processes such as electrolysis, batteries, and fuel cells.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4530	Alternative Fuels and Renewable Energy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 3200 Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.	LEC	EL	3	0		N	U30		0
ENT	CHE	CHE	4530	Alternative Fuels and Renewable Energy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 3200 Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.	LEC	LE	3	0		N	U30		0
ENT	CHE	CHE	4610	Atmospheric Chemistry ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: CHEM 1520 and MATH 3400 and PHYS 2051 Fundamental chemistry of the troposphere and stratosphere. Emissions, transport, sources, and sinks of pollutants in the atmosphere. Air quality regulations and monitoring.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	4800	Biochemical Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.									
ENT	CHE	CHE	4800	Biochemical Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.									
ENT	CHE	CHE	4820	Nano- and Biointerfaces	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and ET 3200									
				This course is designed to introduce the students to particle suspensions and biological interfaces, in which the boundaries play an important role in the physical and chemical properties of the system. As the materials become smaller, more of their total mass becomes part of the interface, thus an understanding of interfacial properties is important in working with suspensions containing small or nano-sized particles. This course provides an understanding of the fundamentals of interfacial behavior in nanoparticle systems and in biological interfaces, with an emphasis on applications.									
ENT	CHE	CHE	4830	Applied Cellular and Molecular Biology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	CHE	4830	Applied Cellular and Molecular Biology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	CHE	4840	Applied Immunology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 or P BIO 1140									
				The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	CHE	4840	Applied Immunology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 or P BIO 1140									
				The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	CHE	4900	Special Topics in Chemical Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	CHE	4900	Special Topics in Chemical Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	CHE	4931	Independent Study - Chemical Engineering	IND	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: Permission required									
		COURSE DESC:		PR									
				Individual or small group work under faculty guidance in research or advanced study related to chemical engineering. (Only 3 hours of ChE 4931, 4932, 4933, or 4934 may be counted towards the Chemical Engineering graduation requirements.)									
ENT	CHE	CHE	4932	Independent Study - Chemical Engineering: Materials Track	IND	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: Permission required									
		COURSE DESC:		PR									
				Individual or small group work under faculty guidance in research or advanced study related to materials topics in chemical engineering. (Only three hours of Ch E 4931, 4932, 4933, or 4934 may be counted towards the Chemical Engineering graduation requirements.)									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	4933	Independent Study - Chemical Engineering: Biological Track	IND	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Individual or small group work under faculty guidance in research or advanced study related to biological topics in chemical engineering. (Only three hours of Ch E 4931, 4932, 4933, or 4934 may be counted towards the Chemical Engineering graduation requirements.)									
ENT	CHE	CHE	4934	Independent Study - Chemical Engineering: Energy and the Environment Track	IND	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Individual or small group work under faculty guidance in research or advanced study related to energy and/or environmental topics in chemical engineering. Only three hours of Ch E 4931, 4932, 4933, or 4934 may be counted towards the Chemical engineering graduation requirements.									
ENT	CHE	CHE	4941	Intercollegiate Engineering Design Competition	RSC	RS	1 to 2	999		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Individual or small group participation, under faculty guidance, in regional or national student design competitions. A maximum of two credit hours may be applied toward Chemical Engineering graduation requirements.									
ENT	CHE	CHE	5000	Engineering Research Fundamentals	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate status in engineering CR, PR									
		COURSE DESC:		Responsible conduct of graduate-level engineering research. Identification of research objectives. Critical review and proper citation of engineering literature. Statistics-based planning of experiments and interpretation of data. Safe laboratory practice. Documentation and communication of methods, data, and results. Development of a research proposal.									
ENT	CHE	CHE	5000	Engineering Research Fundamentals	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate status in engineering CR, PR									
		COURSE DESC:		Responsible conduct of graduate-level engineering research. Identification of research objectives. Critical review and proper citation of engineering literature. Statistics-based planning of experiments and interpretation of data. Safe laboratory practice. Documentation and communication of methods, data, and results. Development of a research proposal.									
ENT	CHE	CHE	5010D	Chemical Engineering Phase Equilibria	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	5010D	Chemical Engineering Phase Equilibria	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	5010D	Chemical Engineering Phase Equilibria	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	5010D	Chemical Engineering Phase Equilibria	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.									
ENT	CHE	CHE	5011D	Chemical Reaction Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of chemical kinetics and material and energy balances to the design of chemical reaction systems.									
ENT	CHE	CHE	5011D	Chemical Reaction Engineering	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of chemical kinetics and material and energy balances to the design of chemical reaction systems.									
ENT	CHE	CHE	5012D	Chemical Engineering Fluid Mechanics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									

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ENT	CHE	CHE	5012D	Chemical Engineering Fluid Mechanics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	CHE	5012D	Chemical Engineering Fluid Mechanics ELIGIBLE GRADES: COURSE DESC:	REC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	CHE	5012D	Chemical Engineering Fluid Mechanics ELIGIBLE GRADES: COURSE DESC:	REC	RE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.									
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.									
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer ELIGIBLE GRADES: COURSE DESC:	REC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.									
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer ELIGIBLE GRADES: COURSE DESC:	REC	RE	3	0		N	G50		0
				GEC1: A-F REQUISITE: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.									
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.									
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.									
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: COURSE DESC:	REC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.									
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations ELIGIBLE GRADES: COURSE DESC:	REC	RE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Fundamental principles of mass transfer. Diffusivities, mass transfer coefficients, stage-wise and continuous-contact unit operations. Specifically absorption, distillation, and extraction will be covered.									
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.									
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.									
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations ELIGIBLE GRADES: COURSE DESC:	REC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Modeling of typical chemical engineering problems and application of analytical and numerical methods to their solution.									
ENT	CHE	CHE	5016D	Unit Operations Lab I	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	5016D	Unit Operations Lab I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	5017D	Unit Operations Lab II	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Continuation of ChE 5016D. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	CHE	5018D	Process Control and Simulation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Simulation and control of chemical processes. Feedback control using root loci and Bode diagrams covered.									
ENT	CHE	CHE	5018D	Process Control and Simulation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Simulation and control of chemical processes. Feedback control using root loci and Bode diagrams covered.									
ENT	CHE	CHE	5018D	Process Control and Simulation	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Simulation and control of chemical processes. Feedback control using root loci and Bode diagrams covered.									
ENT	CHE	CHE	5018D	Process Control and Simulation	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Simulation and control of chemical processes. Feedback control using root loci and Bode diagrams covered.									
ENT	CHE	CHE	5019D	Chemical Engineering Process Design I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Involves trips to various chemical plants. Also involves the assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	CHE	5019D	Chemical Engineering Process Design I	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Involves trips to various chemical plants. Also involves the assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	CHE	5020D	Chemical Engineering Process Design II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Continuation of 5019D. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	CHE	5020D	Chemical Engineering Process Design II	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Continuation of 5019D. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	CHE	5400	Advanced Topics in Materials Science and Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	5400	Advanced Topics in Materials Science and Engineering GEC1: A-F REQUISITE: COURSE DESC: Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5410L	Materials Characterization Laboratory GEC1: A-F REQUISITE: COURSE DESC: Laboratory course for the study of microstructure and properties of steels. Hands-on experience in metallography, microscopy, heat treatment, hardness and tensile testing. Demonstration of impact test, hardenability test (Jominy bar), scanning electron microscopy and surface profilometer.	LAB	LB	3	0		N	G50		0
ENT	CHE	CHE	5420	Metallic Corrosion GEC1: A-F REQUISITE: COURSE DESC: The primary objective is to cover the fundamental aspects of metallic corrosion and its' mitigation. Basic principles of corrosion including electrochemical foundation, influence of environment, stress, strain, and structure. Selected lab experiments.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5430	Polymer Synthesis & Properties GEC1: A-F REQUISITE: COURSE DESC: In depth study of polymer structure, reaction mechanics, and reaction kinetics. Presentation of ploymer reactors, processing, and properties.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5500	Coal Conversion Technologies GEC1: A-F REQUISITE: COURSE DESC: Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.	LEC	EL	3	0		N	G50		0
ENT	CHE	CHE	5500	Coal Conversion Technologies GEC1: A-F REQUISITE: COURSE DESC: Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5520	Analysis of Electrochemical Systems GEC1: A-F REQUISITE: COURSE DESC: Application of thermodyamics, transport phenomena, and reaction engineering to the design and understanding of electrochemical processes. Emphasis will be made in important industrial electrochemical processes such as electrolysis, batteries, and fuel cells.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5530	Alternative Fuels and Renewable Energy GEC1: A-F REQUISITE: COURSE DESC: Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.	LEC	EL	3	0		N	G50		0
ENT	CHE	CHE	5530	Alternative Fuels and Renewable Energy GEC1: A-F REQUISITE: COURSE DESC: Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5610	Atmospheric Chemistry GEC1: A-F REQUISITE: COURSE DESC: Fundamental chemistry of the troposphere and stratosphere. Emissions, transport, sources, and sinks of pollutants in the atmosphere. Air quality regulations and monitoring.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5800	Biochemical Engineering GEC1: A-F REQUISITE: COURSE DESC: Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.	LEC	EL	3	0		N	G50		0
ENT	CHE	CHE	5800	Biochemical Engineering GEC1: A-F REQUISITE: COURSE DESC: Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.	LEC	LE	3	0		N	G50		0
ENT	CHE	CHE	5900	Special Topics in Chemical Engineering GEC4: A-F, REQUISITE: COURSE DESC: Specific course content will vary with offering. CR, PR	LEC	EL	1 to 15	999		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	5900	Special Topics in Chemical Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	CHE	6000	Chemical and Biomolecular Engineering Seminar	SEM	SE	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Special presentations by internal and external speakers.									
ENT	CHE	CHE	6100	Applied Chemical Engineering Calculations	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of linear and nonlinear algebra, ordinary and partial differential equations, optimization, and regression to chemical engineering problems. Extensive treatment of numerical techniques for nonlinear problems. Computer modeling.									
ENT	CHE	CHE	6200	Advanced Chemical Engineering Thermodynamics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of macroscopic thermodynamics: first and second laws, fundamental property relations, criteria for equilibrium and stability, and phase transitions. Introduction to molecular thermodynamics: concepts of phase-space and ensembles, particle statistics, non-interacting systems, classical statistical mechanics, and phase transitions.									
ENT	CHE	CHE	6300	Chemical Reaction Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Homogeneous and heterogeneous kinetics, isothermal and non-isothermal reactor design, non-ideal flow, axial dispersion, mass transfer and reaction, catalysis, multiphase systems.									
ENT	CHE	CHE	6400	Transport Phenomena	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Theoretical basis of development of heat, mass, and momentum transfer. Boundary layer theory and comparison with other theoretical and semi-theoretical approaches.									
ENT	CHE	CHE	6900	Special Topics in Chemical Engineering	LEC	LE	1 to 5	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced study in a particular field of chemical engineering.									
ENT	CHE	CHE	6910	Chemical Engineering Graduate Internship	INT	IN	1	4		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Graduate Status in Chemical Engineering and permission required.									
		COURSE DESC:		Opportunity to gain professional experience while maintaining student status. Must complete internship as part of program of study to receive credit. Does not count towards required technical elective credits in the chemical engineering M.S. or Ph.D. program.									
ENT	CHE	CHE	6940	Research in Chemical Engineering	RSC	RS	1 to 15	99		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Research in chemical engineering									
ENT	CHE	CHE	6950	Thesis	THE	TH	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Masters thesis research.									
ENT	CHE	CHE	7100	Advanced Chemical Engineering Mathematics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 6100									
		COURSE DESC:		Advanced study in applied mathematics in chemical engineering. Restricted to small groups with extensive student participation required.									
ENT	CHE	CHE	7120	Molecular Simulations	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course, students learn essential concepts involved in designing and performing molecular simulations. Core theoretical ideas underlying various molecular simulation techniques are discussed.									
ENT	CHE	CHE	7300	Advanced Chemical Reaction Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 6300									
		COURSE DESC:		Advanced study in chemical engineering reactor kinetics and design. Extensive student participation required.									

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ENT	CHE	CHE	7420	Advanced Corrosion	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 5420						
		COURSE DESC:		Advanced study in corrosion. Restricted to small groups with extensive student participation required.									
ENT	CHE	CHE	7500	Advanced Chemical Engineering Momentum Transfer	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 6100 and 6400						
		COURSE DESC:		An analysis of the flow of fluids and the transport of momentum and mechanical energy. The differential equations of fluid flow, potential flow, flow in porous media, flow in fixed and fluidized beds, laminar boundary layer theory, and non-Newtonian fluids.									
ENT	CHE	CHE	7520	Industrial Electrochemistry and Electrochemical Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 6400						
		COURSE DESC:		This course will cover topics related to electrochemical engineering in industrial systems, including consideration of thermodynamics, kinetics and mass transport. Application to real-world industrial systems will be discussed. Means of evaluating electrochemical system performance (i.e., mathematical modeling) will be practiced.									
ENT	CHE	CHE	7600	Advanced Chemical Engineering Mass Transfer	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 6100 and 6400						
		COURSE DESC:		Topics covered include theory of diffusion, interphase mass transfer theory, turbulent transport, mass transfer in porous media, mass transfer with chemical reaction, simultaneous mass and heat transfer, multicomponent microscopic balances.									
ENT	CHE	CHE	7700	Advanced Topics in Biomedical Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 6400						
		COURSE DESC:		Advanced topics selected from the current literature, in the field of bioengineering, with a special emphasis on biomedical engineering and the use of engineering techniques and analysis to study biological systems.									
ENT	CHE	CHE	7700	Advanced Topics in Biomedical Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHE 6400						
		COURSE DESC:		Advanced topics selected from the current literature, in the field of bioengineering, with a special emphasis on biomedical engineering and the use of engineering techniques and analysis to study biological systems.									
ENT	CHE	CHE	8900	Special Topics in Chemical Engineering	LEC	LE	1 to 5	99		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Ph.D.-level study in a particular field of chemical engineering.									
ENT	CHE	CHE	8940	Research in Chemical Engineering	RSC	RS	1 to 15	99		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F Research in chemical engineering.									
ENT	CHE	CHE	8950	Dissertation	THE	TH	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:							
		COURSE DESC:		PR, F PhD. dissertation research.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	1400	Fundamentals of Computing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1200 or concurrent or math placement level 2 or higher) and (CS placement level 1) and WARNING: No credit for this course if taken after the following: CS 2300 or 2400 or ET 2100							
		COURSE DESC:		This course covers fundamental concepts in computing. These concepts include computational thinking and problem solving, algorithms, data analysis, and computer programming. This course prepares students without prior computer programming experience for CS 2400, Introduction to Computer Science I.									
ENT	EECS	CS	2300	Computer Programming in JAVA	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 163A or 1200 or 1350 or math placement level 2 or higher							
		COURSE DESC:		Intended as a stand-alone class for students who want to learn about computer programming for their use in unrelated fields. Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using one or more programming languages. JAVA taught.									
ENT	EECS	CS	2300	Computer Programming in JAVA	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 163A or 1200 or 1350 or math placement level 2 or higher							
		COURSE DESC:		Intended as a stand-alone class for students who want to learn about computer programming for their use in unrelated fields. Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using one or more programming languages. JAVA taught.									
ENT	EECS	CS	2400	Introduction to Computer Science I	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1200 or Math Placement level 2 or higher) and (CS 1400 or 2300 or ET 2100 or Computer Science Placement level 3)							
		COURSE DESC:		Introduction to computer science, the discipline of computing, and the programming language C++. Topics include elementary C++, computer algorithms, loops and flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading, professional societies, professionalism and ethics, pointers, dynamic memory, and dynamic arrays.									
ENT	EECS	CS	2400	Introduction to Computer Science I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1200 or Math Placement level 2 or higher) and (CS 1400 or 2300 or ET 2100 or Computer Science Placement level 3)							
		COURSE DESC:		Introduction to computer science, the discipline of computing, and the programming language C++. Topics include elementary C++, computer algorithms, loops and flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading, professional societies, professionalism and ethics, pointers, dynamic memory, and dynamic arrays.									
ENT	EECS	CS	2401	Introduction to Computer Science II	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400 and (MATH 1300 or 2301 or Math Placement Level 3)							
		COURSE DESC:		Continuation of C S 2400 with emphasis on design of software and more advanced features of the objected oriented programming language C++. Topics include design of software using UML, generic programming (templates), linked lists, stacks, queues, container classes and iterators, inheritance, derived classes, virtual functions, tree data structures, and recursion.									
ENT	EECS	CS	2401	Introduction to Computer Science II	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400 and (MATH 1300 or 2301 or Math Placement Level 3)							
		COURSE DESC:		Continuation of C S 2400 with emphasis on design of software and more advanced features of the objected oriented programming language C++. Topics include design of software using UML, generic programming (templates), linked lists, stacks, queues, container classes and iterators, inheritance, derived classes, virtual functions, tree data structures, and recursion.									
ENT	EECS	CS	2650	Professional and Ethical Aspects of Computing	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400							
		COURSE DESC:		Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals. Topics include privacy, information security issues, freedom of speech, intellectual property, software licensing, regulations pertaining to computing professionals, copyright, and broader issues on the impact of computers on society. Covers professional ethics and responsibilities as well as general theories of normative ethics.									
ENT	EECS	CS	2650	Professional and Ethical Aspects of Computing	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400							
		COURSE DESC:		Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals. Topics include privacy, information security issues, freedom of speech, intellectual property, software licensing, regulations pertaining to computing professionals, copyright, and broader issues on the impact of computers on society. Covers professional ethics and responsibilities as well as general theories of normative ethics.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	2900	Special Topics in Computer Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	EECS	CS	2900	Special Topics in Computer Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	EECS	CS	2970T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		First-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	2971T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2980T and HTC CR, PR									
		COURSE DESC:		Second-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	2980T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2970T and HTC CR, PR									
		COURSE DESC:		First-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	2981T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2971T and HTC CR, PR									
		COURSE DESC:		Second-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	3000	Introduction to Discrete Structures	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2400									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	3000	Introduction to Discrete Structures	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2400									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	3000	Introduction to Discrete Structures	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2400									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	3000	Introduction to Discrete Structures	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2400									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	3200	Organization of Programming Languages	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2650 and (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									
ENT	EECS	CS	3200	Organization of Programming Languages	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2650 and (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	3560	Software Engineering Tools and Practices	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2401									
		COURSE DESC:		Covers current software engineering tools and practices. Topics include software architecture, integrated development environments, source code control systems, build and make systems, debuggers, static analysis tools, dynamic analysis tools, design tools, program verification, and design patterns. Experiences in multiple environments (Windows and a UNIX-based environment, i.e., MAC OS, Linux, or Solaris).									
ENT	EECS	CS	3560	Software Engineering Tools and Practices	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 2401									
		COURSE DESC:		Covers current software engineering tools and practices. Topics include software architecture, integrated development environments, source code control systems, build and make systems, debuggers, static analysis tools, dynamic analysis tools, design tools, program verification, and design patterns. Experiences in multiple environments (Windows and a UNIX-based environment, i.e., MAC OS, Linux, or Solaris).									
ENT	EECS	CS	3610	Data Structures	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	3610	Data Structures	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	3610	Data Structures	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	3610	Data Structures	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and C or better in CS 2401									
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	3970T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2981T and HTC									
		COURSE DESC:		CR, PR Third-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	3980T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 3970T and HTC									
		COURSE DESC:		CR, PR Third-year tutorial studies in computer science for HTC students only.									
ENT	EECS	CS	4000	Introduction to Distributed, Parallel, and Web-Centric Computing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3560 and 3610									
		COURSE DESC:		Provides introduction to distributed, parallel, and web-centric computing. Introduces distributed and parallel models of computation, distributed and parallel computer architectures, multi-core designs, potential speed-up, threading, synchronization, and multi-core programming, parallel and distributed algorithms, sockets and client-server based software, web programming, accessing databases across the web, and web-security.									
ENT	EECS	CS	4000	Introduction to Distributed, Parallel, and Web-Centric Computing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3560 and 3610									
		COURSE DESC:		Provides introduction to distributed, parallel, and web-centric computing. Introduces distributed and parallel models of computation, distributed and parallel computer architectures, multi-core designs, potential speed-up, threading, synchronization, and multi-core programming, parallel and distributed algorithms, sockets and client-server based software, web programming, accessing databases across the web, and web-security.									
ENT	EECS	CS	4040	Design and Analysis of Algorithms	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610									
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	4040	Design and Analysis of Algorithms ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4060	Computation Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.	LEC	EL	3	0		N	U30		0
ENT	EECS	CS	4060	Computation Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4100	Introduction to Formal Languages and Compilers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, top-down, and recursive descent strategies. Design of significant project using formal language concepts required.	LEC	EL	3	0		N	U30		0
ENT	EECS	CS	4100	Introduction to Formal Languages and Compilers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, top-down, and recursive descent strategies. Design of significant project using formal language concepts required.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4120	Parallel Computing I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Studies different parallel structures to familiarize students with variety of approaches to parallel computing and the strengths and weaknesses of each approach. Concentrates on understanding methods for developing parallel algorithms and analyzing their performance. Advantages and disadvantages of different methods for mapping algorithms onto several different parallel architecture studied. Algorithms discussed include sorting, searching, matrix operations, and others.	LEC	EL	3	0		N	U30		0
ENT	EECS	CS	4120	Parallel Computing I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Studies different parallel structures to familiarize students with variety of approaches to parallel computing and the strengths and weaknesses of each approach. Concentrates on understanding methods for developing parallel algorithms and analyzing their performance. Advantages and disadvantages of different methods for mapping algorithms onto several different parallel architecture studied. Algorithms discussed include sorting, searching, matrix operations, and others.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4160	Problem Solving with Bioinformatics Tools ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4170	Data Mining With Applications in the Life Sciences ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Uses Perl Programming language to develop custom software tools that solve problems in the life sciences. Topics covered include the Perl programming language, processing DNA sequences and protein sequences, restriction maps, GenBank, protein data bank, parsing BLAST output, Bioperl, data pipelines, and the Entrez programming utilities.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4180	Statistical Foundation for Bioinformatics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces statistics and stochastic process theory, and makes applications in the field Bioinformatics, i.e., the study and analysis of biological, and in particular genetic, data.	LEC	EL	3	0		N	U30		0
ENT	EECS	CS	4180	Statistical Foundation for Bioinformatics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces statistics and stochastic process theory, and makes applications in the field Bioinformatics, i.e., the study and analysis of biological, and in particular genetic, data.	LEC	LE	3	0		N	U30		0
ENT	EECS	CS	4201	Software Verification ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A course on programming languages and software verification, with hands-on exercise in an interactive theorem prover such as Coq. Topics may include, but are not limited to: logic; functional programming; inductive datatypes, recursion, and structural induction; operational, denotational, and axiomatic semantics; simply typed lambda calculus; polymorphic lambda calculus; type systems and type-checking.	LEC	LE	3	0		N	U30		0

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ENT	EECS	CS	4250	Interactive Computer Graphics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3610 and (MATH 3200 or 3210)									
				Introduces modern interactive computer graphics. Emphasizes hands-on learning through the development of several projects throughout the semester. Topics include: graphical systems and models, graphics programming, input and interaction, geometric objects and transformations lighting and shading, and discrete techniques.									
ENT	EECS	CS	4250	Interactive Computer Graphics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3610 and (MATH 3200 or 3210)									
				Introduces modern interactive computer graphics. Emphasizes hands-on learning through the development of several projects throughout the semester. Topics include: graphical systems and models, graphics programming, input and interaction, geometric objects and transformations lighting and shading, and discrete techniques.									
ENT	EECS	CS	4420	Operating Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3610 and EE 3613 and 3954 or CS 361 and EE 395A									
				In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	CS	4420	Operating Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3610 and EE 3613 and 3954 or CS 361 and EE 395A									
				In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	CS	4440	Data Communications	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 4420									
				In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	CS	4440	Data Communications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 4420									
				In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	CS	4500	Advanced Object Oriented Design and GUI Techniques	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3560									
				Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	CS	4500	Advanced Object Oriented Design and GUI Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 3560									
				Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	CS	4560	Software Design and Development I	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (CS 3560 and 3610 or CS 361 and (CS 320 or EE 352) and Sr only									
				All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	CS	4560	Software Design and Development I	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (CS 3560 and 3610 or CS 361 and (CS 320 or EE 352) and Sr only									
				All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	CS	4561	Software Design and Development II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CS 4560									
				Continuation of CS 4560. All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									

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ENT	EECS	CS	4561	Software Design and Development II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 4560									
		COURSE DESC:		Continuation of CS 4560. All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	CS	4580	Operating Systems II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 4420									
		COURSE DESC:		Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	CS	4580	Operating Systems II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 4420									
		COURSE DESC:		Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	CS	4620	Database Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610									
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	CS	4620	Database Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610									
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	CS	4750	Internet Engineering	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 4750									
		COURSE DESC:		Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	4750	Internet Engineering	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 4750									
		COURSE DESC:		Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	4750	Internet Engineering	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 4750									
		COURSE DESC:		Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	4800	Artificial Intelligence	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and CS 2401									
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	CS	4800	Artificial Intelligence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and CS 2401									
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	CS	4900	Special Topics in Computer Science	LEC	EL	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	4900	Special Topics in Computer Science	LEC	LE	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									
ENT	EECS	CS	4970T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 3980T and HTC									
		COURSE DESC:		Fourth-year HTC tutorial studies in computer science.									
ENT	EECS	CS	4980T	Computer Science Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 4970T and HTC									
		COURSE DESC:		Fourth-year HTC tutorial studies in computer science.									
ENT	EECS	CS	5000D	Introduction to Discrete Structures	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	5000D	Introduction to Discrete Structures	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	5000D	Introduction to Discrete Structures	REC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	5000D	Introduction to Discrete Structures	REC	RE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	CS	5040	Design and Analysis of Algorithms	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									
ENT	EECS	CS	5040	Design and Analysis of Algorithms	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									
ENT	EECS	CS	5060	Computation Theory	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.									
ENT	EECS	CS	5060	Computation Theory	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	5100	Introduction to Formal Languages and Compilers	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, town-down, and recursive descent strategies. Design of significant project using formal language concepts required.									
ENT	EECS	CS	5100	Introduction to Formal Languages and Compilers	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, town-down, and recursive descent strategies. Design of significant project using formal language concepts required.									
ENT	EECS	CS	5120	Parallel Computing I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Studies different parallel structures to familiarize students with variety of approaches to parallel computing and the strengths and weaknesses of each approach. Concentrates on understanding methods for developing parallel algorithms and analyzing their performance. Advantages and disadvantages of different methods for mapping algorithms onto several different parallel architecture studied. Algorithms discussed include sorting, searching, matrix operations, and others.									
ENT	EECS	CS	5120	Parallel Computing I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Studies different parallel structures to familiarize students with variety of approaches to parallel computing and the strengths and weaknesses of each approach. Concentrates on understanding methods for developing parallel algorithms and analyzing their performance. Advantages and disadvantages of different methods for mapping algorithms onto several different parallel architecture studied. Algorithms discussed include sorting, searching, matrix operations, and others.									
ENT	EECS	CS	5160	Problem Solving with Bioinformatics Tools	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		WARNING: No credit for this course if taken after the following: PBIO 5160 Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.									
ENT	EECS	CS	5170	Data Mining With Applications in the Life Sciences	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Uses Perl Programming language to develop custom software tools that solve problems in the life sciences. Topics covered include the Perl programming language, processing DNA sequences and protein sequences, restriction maps, GenBank, protein data bank, parsing BLAST output, Bioperl, data pipelines, and the Entrez programming utilities.									
ENT	EECS	CS	5180	Statistical Foundation for Bioinformatics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces statistics and stochastic process theory, and makes applications in the field Bioinformatics, i.e., the study and analysis of biological, and in particular genetic, data.									
ENT	EECS	CS	5180	Statistical Foundation for Bioinformatics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces statistics and stochastic process theory, and makes applications in the field Bioinformatics, i.e., the study and analysis of biological, and in particular genetic, data.									
ENT	EECS	CS	5200D	Organization of Programming Languages	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									
ENT	EECS	CS	5200D	Organization of Programming Languages	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									
ENT	EECS	CS	5201	Software Verification	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A course on programming languages and software verification, with hands-on exercise in an interactive theorem prover such as Coq. Topics may include, but are not limited to: logic; functional programming; inductive datatypes, recursion, and structural induction; operational, denotational, and axiomatic semantics; simply typed lambda calculus; polymorphic lambda calculus; type systems and type-checking.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	5420	Operating Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	CS	5420	Operating Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	CS	5440	Data Communications ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	CS	5440	Data Communications ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	CS	5500	Advanced Object Oriented Design and GUI Techniques ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	CS	5500	Advanced Object Oriented Design and GUI Techniques ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	CS	5560	Software Design and Development I ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	CS	5560	Software Design and Development I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	CS	5580	Operating Systems II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	CS	5580	Operating Systems II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	CS	5610D	Data Structures ELIGIBLE GRADES: COURSE DESC:	LEC	EL	4	0		N	G40		0
				GEC1: A-F REQUISITE: Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									

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ENT	EECS	CS	5610D	Data Structures	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	5610D	Data Structures	REC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	5610D	Data Structures	REC	RE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	CS	5620	Database Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	CS	5620	Database Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	CS	5750	Internet Engineering	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	5750	Internet Engineering	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	5750	Internet Engineering	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	CS	5800	Artificial Intelligence	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	CS	5800	Artificial Intelligence	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	CS	5900	Special Topics in Computer Science	LEC	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									

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ENT	EECS	CS	5900	Special Topics in Computer Science	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									
ENT	EECS	CS	6040	Advanced Algorithms	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Advanced topics in the design and analysis of algorithms are explored. These topics include matching and network flow algorithms, randomized algorithms, and parallel algorithms, the theory of NP-completeness, NP-hard optimization problems, polynomial-time approximation algorithms, approximation schemes, approximability and non-approximability results.									
ENT	EECS	CS	6040	Advanced Algorithms	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Advanced topics in the design and analysis of algorithms are explored. These topics include matching and network flow algorithms, randomized algorithms, and parallel algorithms, the theory of NP-completeness, NP-hard optimization problems, polynomial-time approximation algorithms, approximation schemes, approximability and non-approximability results.									
ENT	EECS	CS	6050	Parallel Computation Theory	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Topics in the theory of parallel computation explored. Topics include the PRAM model, the Boolean circuit model, uniform circuit families, parallel complexity classes, reducibility, P-completeness, and the approximation of P-complete problems.									
ENT	EECS	CS	6050	Parallel Computation Theory	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Topics in the theory of parallel computation explored. Topics include the PRAM model, the Boolean circuit model, uniform circuit families, parallel complexity classes, reducibility, P-completeness, and the approximation of P-complete problems.									
ENT	EECS	CS	6060	Computational Complexity	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5060						
		COURSE DESC:		Complexity of computational problems explored with respect to a variety of complexity measures. Topics include deterministic time complexity, nondeterministic time complexity, the polynomial-time hierarchy, average-case time complexity, space-bounded complexity, circuit complexity, reductions, relativizations, and parallel models of computation.									
ENT	EECS	CS	6060	Computational Complexity	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5060						
		COURSE DESC:		Complexity of computational problems explored with respect to a variety of complexity measures. Topics include deterministic time complexity, nondeterministic time complexity, the polynomial-time hierarchy, average-case time complexity, space-bounded complexity, circuit complexity, reductions, relativizations, and parallel models of computation.									
ENT	EECS	CS	6120	Real Time Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Discusses real-time systems and their design principles. Studies the particular characteristics of these systems and some real-time programming technologies.									
ENT	EECS	CS	6120	Real Time Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Discusses real-time systems and their design principles. Studies the particular characteristics of these systems and some real-time programming technologies.									
ENT	EECS	CS	6150	Computational Genomics	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to perform research in the field of bioinformatics. Reviews computer science research literature that pertains to bioinformatics to assist in the discovery of important unsolved bioinformatics problems that require basic research in computer science. Examines the research processes that are used in the field of bioinformatics. Writing-intensive course, requiring learning how to write, evaluate and review scholarly articles.									
ENT	EECS	CS	6150	Computational Genomics	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Prepares students to perform research in the field of bioinformatics. Reviews computer science research literature that pertains to bioinformatics to assist in the discovery of important unsolved bioinformatics problems that require basic research in computer science. Examines the research processes that are used in the field of bioinformatics. Writing-intensive course, requiring learning how to write, evaluate and review scholarly articles.									
ENT	EECS	CS	6250	Computer Graphics and Visualization	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Comprehensive study of the principles of computer graphics and visualization. Course topics include geometric transformations, representing shape, lighting properties, data representation, and visualization algorithms. Projects involve designing programs to visualize complex data in 2,3 and higher dimensions.									
ENT	EECS	CS	6250	Computer Graphics and Visualization	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Comprehensive study of the principles of computer graphics and visualization. Course topics include geometric transformations, representing shape, lighting properties, data representation, and visualization algorithms. Projects involve designing programs to visualize complex data in 2,3 and higher dimensions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	6410	Medical Image Analysis	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fundamentals of medical image processing and analysis. Image data acquisition from CT, MR, PET, SPECT, and ultrasound devices. Image segmentation, registration, and visualization.									
ENT	EECS	CS	6410	Medical Image Analysis	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Fundamentals of medical image processing and analysis. Image data acquisition from CT, MR, PET, SPECT, and ultrasound devices. Image segmentation, registration, and visualization.									
ENT	EECS	CS	6420	Artificial Intelligence in Medicine	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Artificial intelligence (AI) approaches for medical decision making and clinical support, including knowledge-based systems, Bayesian reasoning, and data mining. Medical applications of AI, including diagnosis, therapy selection, patient monitoring and patient education.									
ENT	EECS	CS	6440	Advanced Topics in Computer Networking	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5440						
		COURSE DESC:		High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.									
ENT	EECS	CS	6440	Advanced Topics in Computer Networking	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5440						
		COURSE DESC:		High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.									
ENT	EECS	CS	6571	Software Specification	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5560						
		COURSE DESC:		How software specifications are expressed and used. Emphasis on formal specifications and use of formal specifications in software verification and validation. Important formal specification models, including algebraic and axiomatic models, state/transition-based models, and temporal logic models, along with their related analysis techniques explored.									
ENT	EECS	CS	6571	Software Specification	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5560						
		COURSE DESC:		How software specifications are expressed and used. Emphasis on formal specifications and use of formal specifications in software verification and validation. Important formal specification models, including algebraic and axiomatic models, state/transition-based models, and temporal logic models, along with their related analysis techniques explored.									
ENT	EECS	CS	6572	Software Design	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 6571						
		COURSE DESC:		Advanced object oriented modeling studied. Teaches how to employ the Unified Modeling Language (UML) for advanced structural modeling, advanced behavioral modeling, and architectural modeling of software systems. Advanced structural modeling involves software components and their relationships. Concepts taught in advanced behavioral modeling pertain to hierarchical representations of external environment dependencies and interactions as well as concurrency. Also covers architectural modeling, including design patterns, collaborations, and deployment diagrams.									
ENT	EECS	CS	6572	Software Design	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 6571						
		COURSE DESC:		Advanced object oriented modeling studied. Teaches how to employ the Unified Modeling Language (UML) for advanced structural modeling, advanced behavioral modeling, and architectural modeling of software systems. Advanced structural modeling involves software components and their relationships. Concepts taught in advanced behavioral modeling pertain to hierarchical representations of external environment dependencies and interactions as well as concurrency. Also covers architectural modeling, including design patterns, collaborations, and deployment diagrams.									
ENT	EECS	CS	6573	Software Implementation	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 6571						
		COURSE DESC:		Provides the skills necessary for successful management of software engineering projects. Examines technical management techniques as well as interpersonal communication concepts. Principles taught applied to a software engineering program.									
ENT	EECS	CS	6573	Software Implementation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 6571						
		COURSE DESC:		Provides the skills necessary for successful management of software engineering projects. Examines technical management techniques as well as interpersonal communication concepts. Principles taught applied to a software engineering program.									
ENT	EECS	CS	6800	Advanced Topics in Artificial Intelligence	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 5800						
		COURSE DESC:		Advanced topics in artificial intelligence (AI) studied. Concepts of heuristic search and knowledge representation studied in detail to provide a firm grounding in AI. Then an advanced topic studied, such as machine learning, natural language understanding, computer vision, and/or reasoning under uncertainty. Emphasis is to illustrate that representation and search are fundamental issues in all aspects of artificial intelligence.									

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ENT	EECS	CS	6800	Advanced Topics in Artificial Intelligence	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 5800									
		COURSE DESC:		Advanced topics in artificial intelligence (AI) studied. Concepts of heuristic search and knowledge representation studied in detail to provide a firm grounding in AI. Then an advanced topic studied, such as machine learning, natural language understanding, computer vision, and/or reasoning under uncertainty. Emphasis is to illustrate that representation and search are fundamental issues in all aspects of artificial intelligence.									
ENT	EECS	CS	6820	Artificial Intelligence: Case-Based Reasoning	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 5800									
		COURSE DESC:		Case-based reasoning (CBR) is an artificial intelligence (AI) paradigm, in which new problems are solved by reusing the solutions to previously encountered problems. Enables students familiar with AI problem solving techniques to explore CBR in depth. Featured will be: overview of fundamentals; discussion of research projects; CBR system implementation: and student presentations.									
ENT	EECS	CS	6820	Artificial Intelligence: Case-Based Reasoning	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 5800									
		COURSE DESC:		Case-based reasoning (CBR) is an artificial intelligence (AI) paradigm, in which new problems are solved by reusing the solutions to previously encountered problems. Enables students familiar with AI problem solving techniques to explore CBR in depth. Featured will be: overview of fundamentals; discussion of research projects; CBR system implementation: and student presentations.									
ENT	EECS	CS	6830	Machine Learning	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Machine Learning is concerned with the design and analysis of algorithms that enable computers to automatically find patterns in the data. This introductory course will give an overview of the main concepts, techniques and algorithms that are relevant for the theory and practice of machine learning. The course will cover the fundamental topics of classification, regression and clustering, starting with simple learning models such as perceptrons, decision trees and logistic regression, and ending with more advanced models including Support Vector Machines, Conditional Random Fields and Bayesian networks. The description of the formal properties of the algorithms will be supplemented with motivating applications in a wide range of areas including natural language processing, computer vision, bioinformatics and music analysis.									
ENT	EECS	CS	6830	Machine Learning	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Machine Learning is concerned with the design and analysis of algorithms that enable computers to automatically find patterns in the data. This introductory course will give an overview of the main concepts, techniques and algorithms that are relevant for the theory and practice of machine learning. The course will cover the fundamental topics of classification, regression and clustering, starting with simple learning models such as perceptrons, decision trees and logistic regression, and ending with more advanced models including Support Vector Machines, Conditional Random Fields and Bayesian networks. The description of the formal properties of the algorithms will be supplemented with motivating applications in a wide range of areas including natural language processing, computer vision, bioinformatics and music analysis.									
ENT	EECS	CS	6840	Natural Language Processing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Natural Language Processing (NLP) is a branch of Artificial Intelligence concerned with developing computer systems that can process, understand, or communicate in natural language. Major applications of NLP include information retrieval and web search, information extraction, question answering, machine translation, sentiment analysis, text mining, and speech recognition. This graduate level course will give a fairly broad overview of NLP, with a primary focus on tasks that are widely seen as fundamental for a natural language understanding system such as part of speech tagging, syntactic parsing, word sense disambiguation, semantic role labeling, coreference resolution, and semantic parsing.									
ENT	EECS	CS	6840	Natural Language Processing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Natural Language Processing (NLP) is a branch of Artificial Intelligence concerned with developing computer systems that can process, understand, or communicate in natural language. Major applications of NLP include information retrieval and web search, information extraction, question answering, machine translation, sentiment analysis, text mining, and speech recognition. This graduate level course will give a fairly broad overview of NLP, with a primary focus on tasks that are widely seen as fundamental for a natural language understanding system such as part of speech tagging, syntactic parsing, word sense disambiguation, semantic role labeling, coreference resolution, and semantic parsing.									
ENT	EECS	CS	6850	Image Understanding	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Comprehensive study of image understanding and computer vision techniques. Topics include low-level image analysis methods, image formation, camera calibration, edge detections, feature detection, region segmentation, color image segmentation, techniques for inferring three dimensional information from 2D images, and three dimensional object modeling and recognition.									
ENT	EECS	CS	6850	Image Understanding	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Comprehensive study of image understanding and computer vision techniques. Topics include low-level image analysis methods, image formation, camera calibration, edge detections, feature detection, region segmentation, color image segmentation, techniques for inferring three dimensional information from 2D images, and three dimensional object modeling and recognition.									
ENT	EECS	CS	6860	Information Retrieval and Web Search	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course covers the design, implementation, and evaluation of modern information retrieval (IR) systems, such as Web search engines. It will focus on the underlying retrieval models, algorithms, and system implementations, such as vector-space and probabilistic retrieval models, as well as the PageRank algorithm used by Google. The course will also cover more advanced topics in information retrieval, including document categorization and clustering, recommender systems, collaborative filtering, and personalized search.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	6860	Information Retrieval and Web Search	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course covers the design, implementation, and evaluation of modern information retrieval (IR) systems, such as Web search engines. It will focus on the underlying retrieval models, algorithms, and system implementations, such as vector-space and probabilistic retrieval models, as well as the PageRank algorithm used by Google. The course will also cover more advanced topics in information retrieval, including document categorization and clustering, recommender systems, collaborative filtering, and personalized search.									
ENT	EECS	CS	6890	Deep Learning	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CS 6830 or permission						
		COURSE DESC:		This course introduces algorithms for the unsupervised learning of feature representations in the context of deep architectures. Basic features, such as edge detectors in computer vision, will be induced automatically from unlabeled data using sparse autoencoders and then assembled into increasingly more complex feature representations by greedy layering in deep learning architectures. Major topics include Feedforward Neural Networks, Backpropagation, Sparse Autoencoders, Code Vectorization, PCA and Whitening, Self-Taught Learning, Deep Networks, Linear Decoders, Convolution and Pooling, Sparse Coding, Independent Component Analysis, and Canonical Correlation Analysis.									
ENT	EECS	CS	6900	Special Topics in Computer Science	LEC	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Selected graduate level topics of current interest in computer science.									
ENT	EECS	CS	6900	Special Topics in Computer Science	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Selected graduate level topics of current interest in computer science.									
ENT	EECS	CS	6910	Graduate Internship in Computer Science	INT	IN	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F Supervised work-related experience in government or industry									
ENT	EECS	CS	6930	Independent Study	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Independent study in advanced topics of current interest in computer science.									
ENT	EECS	CS	6930	Independent Study	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Independent study in advanced topics of current interest in computer science.									
ENT	EECS	CS	6940	Research in Computer Science	RSC	RS	1 to 6	24		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Research in computer science. Variable topics.									
ENT	EECS	CS	6950	Thesis	THE	TH	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Thesis research and writing in computer science.									
ENT	EECS	CS	6980	Graduate Research Seminar	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F Research seminar for graduate students in computer science.									
ENT	EECS	CS	6980	Graduate Research Seminar	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F Research seminar for graduate students in computer science.									
ENT	EECS	EE	1014	Introduction to Electrical Engineering	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1200 or above or math placement level 2 or higher						
		COURSE DESC:		Introduction to the profession of electrical engineering. Develops a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. Explores the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems. Introduction to MATLAB®.									
ENT	EECS	EE	1014	Introduction to Electrical Engineering	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1200 or above or math placement level 2 or higher						
		COURSE DESC:		Introduction to the profession of electrical engineering. Develops a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. Explores the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems. Introduction to MATLAB®.									
ENT	EECS	EE	1024	Introduction to Computer Engineering	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MATH 1200 or math placement level 2 or higher						
		COURSE DESC:		Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	1024	Introduction to Computer Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: MATH 1200 or math placement level 2 or higher Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	2104	Circuits I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent) DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.	LEC	EL	4	0		N	U30		0
ENT	EECS	EE	2104	Circuits I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent) DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	2104	Circuits I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent) DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.	REC	EL	4	0		N	U30		0
ENT	EECS	EE	2104	Circuits I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent) DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.	REC	RE	4	0		N	U30		0
ENT	EECS	EE	2114	Circuits II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in EE 2104 and EE 2213 Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.	LAB	LB	4	0		N	U30		0
ENT	EECS	EE	2114	Circuits II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in EE 2104 and EE 2213 Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.	LEC	EL	4	0		N	U30		0
ENT	EECS	EE	2114	Circuits II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in EE 2104 and EE 2213 Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	2213	Instrumentation Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2104 or concurrent Introduction to electrical instruments and measurement techniques. Emphasis on electrical characteristic, limitations, and proper use of electrical laboratory equipment. Safety in operation and experimental procedures covered. Emphasis also placed on the proper acquisition, recording, analysis, and reporting of data. Format includes classroom instruction and laboratory work.	LAB	LB	3	0		N	U30		0
ENT	EECS	EE	2213	Instrumentation Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2104 or concurrent Introduction to electrical instruments and measurement techniques. Emphasis on electrical characteristic, limitations, and proper use of electrical laboratory equipment. Safety in operation and experimental procedures covered. Emphasis also placed on the proper acquisition, recording, analysis, and reporting of data. Format includes classroom instruction and laboratory work.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	2213	Instrumentation Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2104 or concurrent Introduction to electrical instruments and measurement techniques. Emphasis on electrical characteristic, limitations, and proper use of electrical laboratory equipment. Safety in operation and experimental procedures covered. Emphasis also placed on the proper acquisition, recording, analysis, and reporting of data. Format includes classroom instruction and laboratory work.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	2324	Analytical Foundations of Electrical Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302 Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.	LEC	EL	4	0		N	U30		0

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ENT	EECS	EE	2324	Analytical Foundations of Electrical Engineering	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302									
		COURSE DESC:		Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.									
ENT	EECS	EE	2324	Analytical Foundations of Electrical Engineering	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302									
		COURSE DESC:		Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.									
ENT	EECS	EE	2324	Analytical Foundations of Electrical Engineering	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302									
		COURSE DESC:		Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.									
ENT	EECS	EE	2900	Special Topics in Electrical Engineering & Computer Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	EECS	EE	2900	Special Topics in Electrical Engineering & Computer Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	EECS	EE	3051	Basic Electrical Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 3143 or concurrent									
		COURSE DESC:		Lab supplement to EE 3143. Operation of semiconductor devices, amplifier design, oscillators and digital circuits design. Not open for credit to electrical engineering majors.									
ENT	EECS	EE	3143	Basic Electrical Engineering II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3132									
		COURSE DESC:		Semiconductor devices, small signal analysis, amplifiers and oscillator circuits, pulse and digital circuits. No credit if electrical engineering major.									
ENT	EECS	EE	3214	Electromagnetics and Materials I	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 2324 or MATH 440									
		COURSE DESC:		Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics, and magnetostatics and electrostatics, and magnetostatics and electrostatics.									
ENT	EECS	EE	3214	Electromagnetics and Materials I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 2324 or MATH 440									
		COURSE DESC:		Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics, and magnetostatics and electrostatics.									
ENT	EECS	EE	3214	Electromagnetics and Materials I	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 2324 or MATH 440									
		COURSE DESC:		Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics, and magnetostatics and electrostatics.									
ENT	EECS	EE	3214	Electromagnetics and Materials I	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 2324 or MATH 440									
		COURSE DESC:		Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics, and magnetostatics and electrostatics.									
ENT	EECS	EE	3223	Electromagnetics and Materials II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 3214									
		COURSE DESC:		Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3223	Electromagnetics and Materials II ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3214 COURSE DESC: Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3223	Electromagnetics and Materials II ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3214 COURSE DESC: Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3334	Linear Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2114 and EE 2324 COURSE DESC: Develop an understanding of the relationship between signals and systems. Methods for the analysis of continuous-time signals and linear time-invariant systems will be covered in depth. Includes concepts of convolution, Fourier series and Fourier transform, and Laplace transform, with applications in analysis and design of frequency selective filters, communication and control systems. Also develop an awareness of discrete time signals and systems, and an awareness of state space representations of linear systems.	LEC	EL	4	0		N	U30		0
ENT	EECS	EE	3334	Linear Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2114 and EE 2324 COURSE DESC: Develop an understanding of the relationship between signals and systems. Methods for the analysis of continuous-time signals and linear time-invariant systems will be covered in depth. Includes concepts of convolution, Fourier series and Fourier transform, and Laplace transform, with applications in analysis and design of frequency selective filters, communication and control systems. Also develop an awareness of discrete time signals and systems, and an awareness of state space representations of linear systems.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	3334	Linear Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2114 and EE 2324 COURSE DESC: Develop an understanding of the relationship between signals and systems. Methods for the analysis of continuous-time signals and linear time-invariant systems will be covered in depth. Includes concepts of convolution, Fourier series and Fourier transform, and Laplace transform, with applications in analysis and design of frequency selective filters, communication and control systems. Also develop an awareness of discrete time signals and systems, and an awareness of state space representations of linear systems.	REC	EL	4	0		N	U30		0
ENT	EECS	EE	3334	Linear Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2114 and EE 2324 COURSE DESC: Develop an understanding of the relationship between signals and systems. Methods for the analysis of continuous-time signals and linear time-invariant systems will be covered in depth. Includes concepts of convolution, Fourier series and Fourier transform, and Laplace transform, with applications in analysis and design of frequency selective filters, communication and control systems. Also develop an awareness of discrete time signals and systems, and an awareness of state space representations of linear systems.	REC	RE	4	0		N	U30		0
ENT	EECS	EE	3343	Electronics I ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2324 or MATH 440 COURSE DESC: Develop an understanding of electronic devices including diodes, bipolar transistors, and FETs. Develop an awareness of digital electronics, complementary MOS logic design and bipolar logic circuits. Small-signal modeling and linear amplification also covered. Includes computer-aided analysis and design.	LAB	LB	3	0		N	U30		0
ENT	EECS	EE	3343	Electronics I ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2324 or MATH 440 COURSE DESC: Develop an understanding of electronic devices including diodes, bipolar transistors, and FETs. Develop an awareness of digital electronics, complementary MOS logic design and bipolar logic circuits. Small-signal modeling and linear amplification also covered. Includes computer-aided analysis and design.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3343	Electronics I ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2324 or MATH 440 COURSE DESC: Develop an understanding of electronic devices including diodes, bipolar transistors, and FETs. Develop an awareness of digital electronics, complementary MOS logic design and bipolar logic circuits. Small-signal modeling and linear amplification also covered. Includes computer-aided analysis and design.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3513	Digital Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE2324 or EE2114 COURSE DESC: Introduction to discrete-time signals and systems including convolution, z-transforms and frequency response.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3513	Digital Signals and Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE2324 or EE2114 COURSE DESC: Introduction to discrete-time signals and systems including convolution, z-transforms and frequency response.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3613	Computer Organization ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Computer organization and architecture with emphasis in the design of single and multicore architectures; quantitative cost, performance-power trade-offs, Amdahl's Law, instruction set architecture (RISC), assembly language programming, number representations, adders and simple ALUs, integer and floating point computer arithmetic, single and multi-cycle implementation of control and data-path design, pipelining with hazard detection, memory hierarchy and memory management, cache and virtual memory, and I/O devices. Term paper/project involving computer hardware design and system simulation required.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3613	Computer Organization ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Computer organization and architecture with emphasis in the design of single and multicore architectures; quantitative cost, performance-power trade-offs, Amdahl's Law, instruction set architecture (RISC), assembly language programming, number representations, adders and simple ALUs, integer and floating point computer arithmetic, single and multi-cycle implementation of control and data-path design, pipelining with hazard detection, memory hierarchy and memory management, cache and virtual memory, and I/O devices. Term paper/project involving computer hardware design and system simulation required.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3713	Applied Probability and Statistics for Electrical Engineers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3713	Applied Probability and Statistics for Electrical Engineers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3753	Introduction to Computer Networks ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Computer networks with an emphasis on the design and working of Internet, protocol layers, service models, HTTP, FTP, electronic mail, UDP, TCP, congestion control, hierarchical routing, internet protocol (IP), IPv4, IPv6, data link layer, error correction and detection, multiple access protocols, Ethernet, bridges, hubs, wireless link, PPP, ATM, multimedia over IP, and basic security such as encryption, authentication and firewalls.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3954	Microprocessors and Microcontrollers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	LAB	LB	4	0		N	U30		0
ENT	EECS	EE	3954	Microprocessors and Microcontrollers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	3963	Electric Machines ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic principles of electromechanical machines. Circuit models and parameter tests for single-phase and 3-phase transformers. Fundamentals of DC machinery; circuit models and characteristics of DC motors. Fundamentals of AC machinery; theory and operation of synchronous machines and induction motors.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3963	Electric Machines ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic principles of electromechanical machines. Circuit models and parameter tests for single-phase and 3-phase transformers. Fundamentals of DC machinery; circuit models and characteristics of DC motors. Fundamentals of AC machinery; theory and operation of synchronous machines and induction motors.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3973	Electronics II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Continuation of EE 3343. Semiconductor devices. AC-coupled amplifiers. Feedback. Differential amplifiers. Oscillators. Power devices.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3973	Electronics II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Continuation of EE 3343. Semiconductor devices. AC-coupled amplifiers. Feedback. Differential amplifiers. Oscillators. Power devices.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4053	Physical and Power Electronics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.	LEC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	4053	Physical and Power Electronics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4143	Design of Digital Circuits ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4143	Design of Digital Circuits ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4183	Micro and Nano Fabrication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4183	Micro and Nano Fabrication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4213	Feedback Control Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4213	Feedback Control Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4313	Optoelectronics and Photonics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4313	Optoelectronics and Photonics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4323	Solar Cell and Photovoltaics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to solar cell technology, photovoltaic (PV) systems with strong focus on energy conversion, photovoltaic technology and applications. Examines basics of solar cell devices and photovoltaic systems; physical models of solar cell operation; design principles of stand alone and grid integrated PV systems; topic relevant to increasing solar cell efficiency and new concepts in PV design. To become proficient in using, operating, and designing PV systems, examples of PV systems presented and analyzed.	LEC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	4323	Solar Cell and Photovoltaics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3343 Introduction to solar cell technology, photovoltaic (PV) systems with strong focus on energy conversion, photovoltaic technology and applications. Examines basics of solar cell devices and photovoltaic systems; physical models of solar cell operation; design principles of stand alone and grid integrated PV systems; topic relevant to increasing solar cell efficiency and new concepts in PV design. To become proficient in using, operating, and designing PV systems, examples of PV systems presented and analyzed.									
ENT	EECS	EE	4403	Antenna and Microwave Theory ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3214 Fundamental concepts and definitions for radiating systems including parameters, current distributions, matching, polarization and their effect on antenna performance. Transmission links, linear wire, loop, aperture, and array antennas discussed.									
ENT	EECS	EE	4403	Antenna and Microwave Theory ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3214 Fundamental concepts and definitions for radiating systems including parameters, current distributions, matching, polarization and their effect on antenna performance. Transmission links, linear wire, loop, aperture, and array antennas discussed.									
ENT	EECS	EE	4523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3963 or EE 3143 Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									
ENT	EECS	EE	4523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3963 or EE 3143 Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									
ENT	EECS	EE	4673	Embedded Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3954EE 395A or 3954 Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.									
ENT	EECS	EE	4673	Embedded Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3954EE 395A or 3954 Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.									
ENT	EECS	EE	4683	Computer Architecture ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3613 Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.									
ENT	EECS	EE	4683	Computer Architecture ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3613 Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.									
ENT	EECS	EE	4713	Communication Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3334 Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.									
ENT	EECS	EE	4713	Communication Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: EE 3334 Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.									

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ENT	EECS	EE	4853	Electronic Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3334 COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4853	Electronic Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3334 COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4900	Special Topics in Electrical Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required COURSE DESC: Selected topics of current interest in electrical engineering.	LEC	EL	1 to 6	9		I	U30		0
ENT	EECS	EE	4900	Special Topics in Electrical Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required COURSE DESC: Selected topics of current interest in electrical engineering.	LEC	LE	1 to 6	9		I	U30		0
ENT	EECS	EE	4913	Programmable Logic Controllers ELIGIBLE GRADES: GEC1: A-F REQUISITE: (EE 1024 or 3143) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ETM 3420 COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.	LAB	LB	3	0		N	U30		0
ENT	EECS	EE	4913	Programmable Logic Controllers ELIGIBLE GRADES: GEC1: A-F REQUISITE: (EE 1024 or 3143) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ETM 3420 COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4913	Programmable Logic Controllers ELIGIBLE GRADES: GEC1: A-F REQUISITE: (EE 1024 or 3143) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ETM 3420 COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4953	Electrical and Computer Engineering Capstone Design I ELIGIBLE GRADES: GEC1: A-F REQUISITE: 33 Hours in EE COURSE DESC: Provides students the opportunity to refine and demonstrate their ability in engineering design. Major design team project developed emphasizing problem definition and specification. System requirements, preliminary design, and critical design reviews conducted. Examines systems approach to problem solving, engineering ethics, economic analysis, engineering standards, constraints, and the elements of scheduling and planning.	LAB	LB	3	0		N	U30		0
ENT	EECS	EE	4953	Electrical and Computer Engineering Capstone Design I ELIGIBLE GRADES: GEC1: A-F REQUISITE: 33 Hours in EE COURSE DESC: Provides students the opportunity to refine and demonstrate their ability in engineering design. Major design team project developed emphasizing problem definition and specification. System requirements, preliminary design, and critical design reviews conducted. Examines systems approach to problem solving, engineering ethics, economic analysis, engineering standards, constraints, and the elements of scheduling and planning.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4963	Electrical and Computer Engineering Capstone Design II ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Continuation of team design project begun in EE 4953 with an emphasis on construction, pre-testing, and redesign; then ultimately final design assembly, testing, and analysis of outcomes. Critical design and formal design reviews conducted. Exposure to a variety of career options. Examine and develop skills necessary for a successful engineering career.	LEC	EL	3	0	3	N	U30		0
ENT	EECS	EE	4963	Electrical and Computer Engineering Capstone Design II ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Continuation of team design project begun in EE 4953 with an emphasis on construction, pre-testing, and redesign; then ultimately final design assembly, testing, and analysis of outcomes. Critical design and formal design reviews conducted. Exposure to a variety of career options. Examine and develop skills necessary for a successful engineering career.	LEC	LE	3	0	3	N	U30		0
ENT	EECS	EE	5003	Computational Tools for Engineers ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Provides an introduction to computational tools used extensively throughout graduate study in engineering. Topics include array manipulation, matrix computations, computer graphics, and symbolic manipulation. Also covered are programming language constructs and advanced data types. In addition, the course introduces computer-based modeling, simulation, and analysis of dynamic systems. Course concepts are applied to graduate-level engineering problem solving.	LEC	EL	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	5003	Computational Tools for Engineers ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Provides an introduction to computational tools used extensively throughout graduate study in engineering. Topics include array manipulation, matrix computations, computer graphics, and symbolic manipulation. Also covered are programming language constructs and advanced data types. In addition, the course introduces computer-based modeling, simulation, and analysis of dynamic systems. Course concepts are applied to graduate-level engineering problem solving.									
ENT	EECS	EE	5053	Physical and Power Electronics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.									
ENT	EECS	EE	5053	Physical and Power Electronics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.									
ENT	EECS	EE	5143	Design of Digital Circuits ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.									
ENT	EECS	EE	5143	Design of Digital Circuits ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.									
ENT	EECS	EE	5183	Micro and Nano Fabrication ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.									
ENT	EECS	EE	5183	Micro and Nano Fabrication ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.									
ENT	EECS	EE	5213	Feedback Control Theory ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.									
ENT	EECS	EE	5213	Feedback Control Theory ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.									
ENT	EECS	EE	5313	Optoelectronics and Photonics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	5313	Optoelectronics and Photonics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5403	Microwave Theory and Devices ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction to radiating systems, including descriptive parameters, radiation integrals, current distributions and their effect on antenna patterns, and how antenna arrays function. In addition, waveguiding systems at microwave and optical frequencies discussed.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5403	Microwave Theory and Devices ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction to radiating systems, including descriptive parameters, radiation integrals, current distributions and their effect on antenna patterns, and how antenna arrays function. In addition, waveguiding systems at microwave and optical frequencies discussed.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5673	Embedded Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5673	Embedded Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5683	Computer Architecture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5683	Computer Architecture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5713	Communication Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5713	Communication Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.	LEC	LE	3	0		N	G50		0

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ENT	EECS	EE	5753	Computer Network Communication ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Computer networks with an emphasis on the design and working of the Internet. Protocol layers, service models, HTTP, FTP, electronic mail, UDP, TCP, congestion control, hierarchical routing, internet protocol (IP), IPv4, IPv6, data link layer, error correction and detection, multiple access protocols, Ethernet, bridges, hubs, wireless links, PPP, ATM, multimedia over IP, 4G wireless, bluetooth. Basic queueing theory and delay analysis. Basic security mechanisms, such as encryption, authentication and firewalls.									
ENT	EECS	EE	5853	Electronic Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.									
ENT	EECS	EE	5853	Electronic Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.									
ENT	EECS	EE	5900	Special Topics in Electrical Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 6	9		N	G50		0
				GEC1: A-F REQUISITE: Selected topics of current interest in electrical engineering.									
ENT	EECS	EE	5900	Special Topics in Electrical Engineering ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 6	9		N	G50		0
				GEC1: A-F REQUISITE: Selected topics of current interest in electrical engineering.									
ENT	EECS	EE	6013	Electromagnetic Wave Propagation in Electronic Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Electromagnetics and GPS background required. Electromagnetic principles and propagation of radio waves over the earth surface and through the atmosphere. Topics include groundwaves, skywaves, tropospheric and ionospheric effects, Total Electron Content, group and phase velocity, incident fields, reflection coefficients, Brewster angle, diffraction, scattering, Fresnel Zone.									
ENT	EECS	EE	6013	Electromagnetic Wave Propagation in Electronic Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Electromagnetics and GPS background required. Electromagnetic principles and propagation of radio waves over the earth surface and through the atmosphere. Topics include groundwaves, skywaves, tropospheric and ionospheric effects, Total Electron Content, group and phase velocity, incident fields, reflection coefficients, Brewster angle, diffraction, scattering, Fresnel Zone.									
ENT	EECS	EE	6023	Radar Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Electromagnetics and antenna background helpful. Theory of operation of radar systems. Topics include the radar equation, radar cross-sections, radar altimeter, Air Traffic Control radar, Doppler radar, weather radar, synthetic aperture radar, Mode A/C/S.									
ENT	EECS	EE	6023	Radar Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Electromagnetics and antenna background helpful. Theory of operation of radar systems. Topics include the radar equation, radar cross-sections, radar altimeter, Air Traffic Control radar, Doppler radar, weather radar, synthetic aperture radar, Mode A/C/S.									
ENT	EECS	EE	6033	Inertial Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Graduate Standing Principles of operation of inertial navigation systems. Topics include rigid body kinematics, observation equations, attitude update, earth rate and transport rate, position and velocity updates, initialization, orientation, sensor technology, error sources and propagation, Schuler period, vertical instability. Heavy emphasis on simulation in MATLAB.									
ENT	EECS	EE	6033	Inertial Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Graduate Standing Principles of operation of inertial navigation systems. Topics include rigid body kinematics, observation equations, attitude update, earth rate and transport rate, position and velocity updates, initialization, orientation, sensor technology, error sources and propagation, Schuler period, vertical instability. Heavy emphasis on simulation in MATLAB.									
ENT	EECS	EE	6053	Satellite-Based Navigation Systems ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Some knowledge of GPS, navigation, mathematics, and computer science useful. Computer programming experience in MATLAB®. Theoretical development of spread spectrum ranging and positioning with space-based transmitters; ephemerides, broadcast signal structure; ranging observables; absolute and relative positioning methodologies; simple error source characterization and mitigation.									

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ENT	EECS	EE	6053	Satellite-Based Navigation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Some knowledge of GPS, navigation, mathematics, and computer science useful. Computer programming experience in MATLAB®. Theoretical development of spread spectrum ranging and positioning with space-based transmitters; ephemerides, broadcast signal structure; ranging observables; absolute and relative positioning methodologies; simple error source characterization and mitigation.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6063	Integrated Navigation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Theoretical development of positioning and navigation with multiple sensors; basics of estimation theory; classical versus Bayesian estimators; complementary filters, least squares estimators, Kalman filters and particle filters used for navigation purposes; application examples including GPS/INS integration and integration of INS with electro-optical sensors; fault detection and isolation.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6073	Navigation Receiver Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Graduate Status Theoretical development of receiver design with emphasis on spread spectrum ranging. Topics include: link budgets, antenna considerations, low-noise amplifiers, radio-frequency processing, down-conversion and intermediate frequency processing, in-phase and quadrature components, noise figure calculations, bandpass sampling, direct-sequence spread spectrum acquisition and tracking, theory and operation of numerically controlled oscillators and tracking loops, pseudorange and carrier-phase measurement generation. Heavy emphasis on processing of real data in MATLAB®.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6073	Navigation Receiver Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Graduate Status Theoretical development of receiver design with emphasis on spread spectrum ranging. Topics include: link budgets, antenna considerations, low-noise amplifiers, radio-frequency processing, down-conversion and intermediate frequency processing, in-phase and quadrature components, noise figure calculations, bandpass sampling, direct-sequence spread spectrum acquisition and tracking, theory and operation of numerically controlled oscillators and tracking loops, pseudorange and carrier-phase measurement generation. Heavy emphasis on processing of real data in MATLAB®.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6083	Aviation Standards, Software Design and certification ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Overview of aviation standards including Federal Aviation Regulations, Technical Standard Orders, Advisory Circulars, RTCA documents and ARINC standards; systems engineering; safety-critical systems and the safety assessment of these systems; certification of aircraft systems; software design using military and civilian standards, IEEE software standards, software life cycle processes, program design language, documentation, testing, independent test verification, case studies.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6103	Vehicle Control ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 6283 Introduction to vehicle motion control theory and design. Mathematical modeling of aerospace, ground and marine vehicle motions in 6 Degrees-of-Freedom using (nonlinear differential) state equations will be introduced. Simplification assumptions and techniques are provided for the vehicle models to facilitate effective motion controller design. Stabilization and trajectory tracking controller design methods based on closed-loop dynamics assignment are taught along with computer simulations. An overview of more advanced topics will be provided to prepare the students for continuing studies.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6103	Vehicle Control ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 6283 Introduction to vehicle motion control theory and design. Mathematical modeling of aerospace, ground and marine vehicle motions in 6 Degrees-of-Freedom using (nonlinear differential) state equations will be introduced. Simplification assumptions and techniques are provided for the vehicle models to facilitate effective motion controller design. Stabilization and trajectory tracking controller design methods based on closed-loop dynamics assignment are taught along with computer simulations. An overview of more advanced topics will be provided to prepare the students for continuing studies.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6133	High Accuracy Satellite Navigation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 6053 or 605 Theoretical development of correction and measurement based differential satellite navigation technologies, with emphasis on advanced error mitigation techniques and error analysis. High accuracy code and carrier phase processing emphasized with presentation on carrier-phase ambiguity resolution techniques.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6133	High Accuracy Satellite Navigation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 6053 or 605 Theoretical development of correction and measurement based differential satellite navigation technologies, with emphasis on advanced error mitigation techniques and error analysis. High accuracy code and carrier phase processing emphasized with presentation on carrier-phase ambiguity resolution techniques.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6153	VLSI Systems Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 5143 Communication and concurrency in computers; processor arrays; hierarchically organized machines. Structured design; layout algorithms; MOS cell library. Design tools; rule checking; timing analysis; switch level simulation; placement; and routing.	LAB	LB	3	4		N	G50		0
ENT	EECS	EE	6153	VLSI Systems Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 5143 Communication and concurrency in computers; processor arrays; hierarchically organized machines. Structured design; layout algorithms; MOS cell library. Design tools; rule checking; timing analysis; switch level simulation; placement; and routing.	LEC	LE	3	4		N	G50		0

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ENT	EECS	EE	6163	Computer Aided Analysis of Electronic Networks GEC1: A-F REQUISITE: Efficient numerical techniques for analysis of electronic circuits. Conveys a knowledge of advanced concepts of analog circuit simulation and design techniques. Emphasis on topics related to numerical analysis methods useful for the analog and mixed signal designs. General formulation techniques, sensitivity analysis, large change sensitivities, numerical Laplace transform inversion, solution of nonlinear networks, and circuit optimization discussed. Computer assignments completed using any computer language (C++, Pascal, Fortran) or simulation tool MATLAB®, MathCad, Mathematica).	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6163	Computer Aided Analysis of Electronic Networks GEC1: A-F REQUISITE: Efficient numerical techniques for analysis of electronic circuits. Conveys a knowledge of advanced concepts of analog circuit simulation and design techniques. Emphasis on topics related to numerical analysis methods useful for the analog and mixed signal designs. General formulation techniques, sensitivity analysis, large change sensitivities, numerical Laplace transform inversion, solution of nonlinear networks, and circuit optimization discussed. Computer assignments completed using any computer language (C++, Pascal, Fortran) or simulation tool MATLAB®, MathCad, Mathematica).	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6173	Fault Testable Design GEC1: A-F REQUISITE: EE 5143 Basic concepts of reliability. Physical faults and testing. Test generation for combinational and sequential logic circuits, random testing, and signature analysis. Fault tolerance and circuit redundancy, self testing and fail-safe design, fault tolerant VLSI design, practical fault tolerant systems. Self testing, design for testability, built-in test, boundary scan testing, IEEE standards.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6183	Nanoelectronic Devices and Applications GEC1: A-F REQUISITE: EE 5183 and familiarity with the introductory level semiconductor devices course is useful for all students. Introduces fundamental and advanced concepts required for the understanding of electronic and ionic transport in micro and nanoscale devices. Reviews theory elements such as effective mass, band structure, electrostatics, screening, low and high-field transport, and scattering. Explores novel design tools and numerical techniques used for simulation of practical devices. Examines more closely the structure, operation, design principles, advantages and disadvantages, applications and future prospects for a wide range of traditional (diodes, MOSFETs, bipolar transistors etc.) and advanced (MODFETs, HBTs, nanowire and nanotube transistors, single-electron transistors, memristors, graphene devices, plasmonic devices, bio-molecular devices). On an orthogonal direction, surveys a number of critical technology fronts that many of devices reviewed may play an important role (ultra-low or high-power applications, high-performance solar devices, flexible electronics, THz devices and bio-nano sensors).	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6233	Nonlinear System Analysis I GEC1: A-F REQUISITE: Introduction to nonlinear dynamical systems analysis: nonlinear dynamical system models, second-order nonlinear behaviors by phase plane analysis, including multiple equilibria, qualitative behaviors near equilibrium points, limit cycles and bifurcation; demonstration of chaotic behaviors by simulation; existence, uniqueness and sensitivity of solutions; Lyapunov stability and its assessment; input-output stability.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6233	Nonlinear System Analysis I GEC1: A-F REQUISITE: Introduction to nonlinear dynamical systems analysis: nonlinear dynamical system models, second-order nonlinear behaviors by phase plane analysis, including multiple equilibria, qualitative behaviors near equilibrium points, limit cycles and bifurcation; demonstration of chaotic behaviors by simulation; existence, uniqueness and sensitivity of solutions; Lyapunov stability and its assessment; input-output stability.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6283	State-Space Methods in Control GEC1: A-F REQUISITE: Introduction to state-space methods for control system analysis and design. Topics include basic state-space concepts, writing state equations, solution of the state equation and the matrix exponential, relations to transfer functions, controllability and observability, stability, state-space methods of design including state feedback, state estimation, servomechanisms and an introduction to optimal control.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6283	State-Space Methods in Control GEC1: A-F REQUISITE: Introduction to state-space methods for control system analysis and design. Topics include basic state-space concepts, writing state equations, solution of the state equation and the matrix exponential, relations to transfer functions, controllability and observability, stability, state-space methods of design including state feedback, state estimation, servomechanisms and an introduction to optimal control.	LEC	LE	3	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6323	Theoretical and practical analysis of passive and active photonic devices in integrated technologies GEC1: A-F REQUISITE: Students taking this course must have had undergraduate courses in electromagnetic wave theory, differential equations, and vector calculus. This course is designed as an introduction to the basics elements of integrated optical devices. In the first part, we focus on the development of optical waveguides and investigate the utilization of these structures in passive photonic circuits. Critical properties such as waveguide loss, mode coupling, material loss, power flow, anti-guiding, coupling to optical fibers, and device fabrication will all be covered. In addition, to get a better understanding of the operation of these circuits, students will be required to simulate many of these structures using MatLab throughout the course. In the second part of the course, we extend this analysis to active devices. Modulation of the optical field through acousto-optic and electro-optic effects is studied, as well as the current technology of these structures. Light emitting devices are presented, focusing on the operation and theory of light emitting diodes (LEDs) and semiconductor lasers. The detection of light is presented with an analysis of semiconductor integrated detectors. Finally, recent progresses in integrated optics and novel concepts are studied to motivate research in these areas.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6333	Integrated Optoelectronics and Photonics GEC1: A-F REQUISITE: EE 5313 Selected topics in engineering and operation of optoelectronic and integrated photonic devices and systems. Topics Include: epitaxial growth techniques relevant to strained and polar hetero-structures, recombination and carriers statistics, defects, lattice vibration, phonons, low dimensional structures, excitons, light propagation in anisotropic media, electro-optic effect, quantum confined Stark effect, magneto-optic effects. Selected advanced concepts in semiconductor bandstructure. Advanced device structure and modeling of LEDs, LDs, and light detectors. Selected topics in integrated optoelectronic and photonics.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6343	Modern Optical Materials and Devices GEC1: A-F REQUISITE: EE 6333 or 631 Provides introduction and overview of modern materials used in optics and optoelectronics including semiconductors and meta-materials. Topics extend from materials science to engineering of optoelectronic and photonic devices. Emphasis on understanding fundamentals relevant to applications in integrated optical systems combining optical emission and detection from the IR through the visible to the UV, linear and nonlinear optical phenomena, dynamics of optical processes, magneto- and electro- optics, high-excitation effects. Well established photonic and optoelectronic devices, plus novel device approaches based on the latest technological developments explored.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6413	Advanced Antenna Theory GEC1: A-F REQUISITE: EE 5403 Continuation of antenna theory, including arrays and their design, the effect of current distribution on patterns and directivity, field equivalence principle, aperture antennas, methods of optics, and pattern synthesis.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6473	Computational Methods in Electromagnetics GEC1: A-F REQUISITE: EE 5403 Introduction to integral equations (IE), and important integral equations of electromagnetics, Method of Moments (MoM) and application to EM integral equations, overview of the Finite Difference Time Domain method, treatment of the presence of ground, Sommerfeld problem, use of a general-purpose MoM code, history of diffraction theory, overview of geometrical optics, Geometrical Theory of Diffraction, physical optics and the Physical Theory of Diffraction, hands-on use of several popular commercially available codes for antenna design and electromagnetic scattering.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6523	Design and Control of Manufacturing Systems GEC1: A-F REQUISITE: ISE 6140 or ME 5060 Benefits of CIM, integrated databases, IDEF-0, IDEF-1x, flexible manufacturing systems. System design: requirements, design and implementation. Control and software design for manufacturing systems.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6633	Architecture of Parallel Computers GEC1: A-F REQUISITE: EE 5683 Study of advanced superscalar and multithreaded architectures, cache hierarchies and shared memory architectures for multicores.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6633	Architecture of Parallel Computers GEC1: A-F REQUISITE: EE 5683 Study of advanced superscalar and multithreaded architectures, cache hierarchies and shared memory architectures for multicores.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6643	Digital Image Processing GEC1: A-F REQUISITE: Provides basic concepts and methodologies for digital image processing, and develops a foundation as the basis for further study and research in this and related fields. All mainstream areas of image processing covered, including image fundamentals/modalities, image registration, Radon transform/image reconstruction/projection-slice theorem, spatial and frequency domain image enhancement, image restoration/Wiener filtering, color image processing, wavelets/curvelets/multi-resolution analysis, image/video compression, morphological watershed, segmentation, description/object recognition, video processing, and image data fusion.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6653	Computer Vision GEC1: A-F REQUISITE: EE 5143 Image sensing and representation, perspective projection, image analysis, visual pattern recognition, image filtering and registration, image enhancement, color perception, texture analysis and Julesz's conjector, content-based image retrieval, motion from 2D image and video sequences, image segmentation, shape from shading, matching in 2D, depth from 2D images, object pose estimation, scene models and matching, stereo and 3D vision, virtual and mixed realities, human biometrics, active and passive scene scanning, robot guidance and surveillance.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6663	Pattern Recognition ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Pattern recognition's (PR) goal is the recognition and classification of objects, patterns, images, signals, or waveforms into a number of categories or classes. PR is an integral part in most machine intelligence systems designed for decision-making. Rapidly developing technology with cross-disciplinary interest and participation with other areas such as adaptive signal processing, AI, neural net, optimization and estimation, fuzzy sets, structural modeling, and formal languages. PR applications include image and video processing; machine vision; seismic analysis; radar signal classification; face, gait, speech and character recognition; Fingerprint identification; surveillance; navigation; OCR; medicine and biological sciences; CAD; multimedia systems; digital libraries. Addresses three different (statistical, syntactic, and neural-network) approaches to PR problem.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6673	Interconnection Networks for High-Performance Computing Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5683 COURSE DESC: Study of interconnection networks for high-performance computing (HPC) systems and multi-cores at on-chip, inter-chip and inter-rack levels.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6673	Interconnection Networks for High-Performance Computing Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5683 COURSE DESC: Study of interconnection networks for high-performance computing (HPC) systems and multi-cores at on-chip, inter-chip and inter-rack levels.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6713	Digital Signal Processing ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Familiarity with probability and stochastic signals; linear system analysis; basic DSP expected. Review of discrete time signals and systems, the z-transform, sampling. Transform domain analysis. Design of IIR and FIR filters; DFT, FFT, and Fourier analysis, spectrum and eigenanalysis, parametric signal modeling.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6723	Digital Communications ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5713 COURSE DESC: Review of deterministic and stochastic signal and system characterizations, sampling, baseband pulse signaling and the matched filter. Signal spaces and bandpass modulations, error control coding fundamentals, ISI, equalization, and multicarrier systems.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6733	Advanced Topics in Signal Processing ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 6713 COURSE DESC: Digital filter designs. Discrete random signals. Linear prediction and the Wiener filter. Stochastic gradient methods, least-squares and Kalman filter, SVD, super-resolution algorithms, current research problems.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6743	Information Theory ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5713 COURSE DESC: Introduction to information theory. Overview of field, entropy as a measure of uncertainty. Relative entropy, mutual information. Characteristics of sequences and entropy rate. Lossless data compression and source coding. Bounds and relations for channel capacity, differential entropy, the Gaussian channel. Rate distortion theory, and selected topics of current interest.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6863	Advanced Electronic Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5853 COURSE DESC: Continuation of EE 5853. Focuses on current and future avionics systems and aircraft electronics. Design and signal processing in navigation receivers.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6900	Special Topics in Electrical Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Selected topics of current interest in electrical engineering and computer science.	LEC	EL	1 to 3	6		N	G50		0
ENT	EECS	EE	6900	Special Topics in Electrical Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Selected topics of current interest in electrical engineering and computer science.	LEC	LE	1 to 3	6		N	G50		0
ENT	EECS	EE	6910	Graduate Internship in Electrical Engineering ELIGIBLE GRADES: GEC6: CR, REQUISITE: Permission required COURSE DESC: Supervised work-related experience in government or industry.	INT	IN	1 to 6	6		N	G50		0
ENT	EECS	EE	6930	Independent Study ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Independent study in advanced topics of current interest in electrical engineering.	IND	IS	1 to 3	3		N	G50		0
ENT	EECS	EE	6940	MS Research ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Research related to student thesis, project, or paper.	RSC	RS	1 to 6	20		N	G40		0

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ENT	EECS	EE	6943	MS Project Report	STU	ST	1 to 3	9		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required								
				COURSE DESC: MS project report.									
ENT	EECS	EE	6950	Thesis	THE	TH	1 to 9	99		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE:								
				COURSE DESC: MS thesis.									
ENT	EECS	EE	6981	Graduate Research Seminar	SEM	SE	1	2		N	G50		0
				ELIGIBLE GRADES: GEC6: CR, PR, F	REQUISITE:								
				COURSE DESC: Seminar content varies. Guest speakers, plus student presentations.									
ENT	EECS	EE	7123	Automata Theory	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: EE 5143								
				COURSE DESC: Fundamental concepts of abstract algebra/finite state automata/Galois fields, sequential machines, decomposition of sequential machines, measurement/control and identification of sequential machines, regular expressions and machine specification, vector spaces/linear transforms and matrices, linear sequential machines, Turing machines, artificial languages, random sequences, random processes in sequential machines, support vector machines, NN's, hierarchical spatio-temporal memories, syntactic/structural pattern recognition, biological computing.									
ENT	EECS	EE	7123	Automata Theory	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: EE 5143								
				COURSE DESC: Fundamental concepts of abstract algebra/finite state automata/Galois fields, sequential machines, decomposition of sequential machines, measurement/control and identification of sequential machines, regular expressions and machine specification, vector spaces/linear transforms and matrices, linear sequential machines, Turing machines, artificial languages, random sequences, random processes in sequential machines, support vector machines, NN's, hierarchical spatio-temporal memories, syntactic/structural pattern recognition, biological computing.									
ENT	EECS	EE	7153	VLSI Design of Neural Networks	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: EE 5143								
				COURSE DESC: VLSI implementation of neural networks. Multilayered neural networks. Self organizing nets for pattern recognition. Integrated circuit synaptic connections. Active building blocks of the neural networks. Circuits for arithmetic functions. Analog multipliers and convolution circuits. Associative memory implementation. Optical motion sensor. Electronic neural processors.									
ENT	EECS	EE	7183	Reinforcement Learning	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:								
				COURSE DESC: This course will provide a comprehensive introduction to reinforcement learning as an approach to artificial intelligence, emphasizing the design of complete agents interacting with stochastic, incompletely known environments. Reinforcement learning has adapted key ideas from machine learning, operations research, psychology, and neuroscience to produce some strikingly successful engineering applications. The focus is on algorithms for learning what actions to take, and when to take them, so as to optimize long-term performance. This may involve sacrificing immediate reward to obtain greater reward in the long-term or just to obtain more information about the environment. The course will cover Markov decision processes, dynamic programming, temporal-difference learning, Monte Carlo reinforcement learning methods, eligibility traces, the role of function approximation, and the integration of learning and planning. The course will emphasize the development of intuition relating the mathematical theory of reinforcement learning to the design of human-level artificial intelligence.									

"Reinforcement learning is learning what to do---how to map situations to actions---so as to maximize a numerical reward signal. The learner is not told which actions to take, as in most forms of machine learning, but instead must discover which actions yield the most reward by trying them. In the most interesting and challenging cases, actions may affect not only the immediate reward, but also the next situation and, through that, all subsequent rewards. These two characteristics---trial-and-error search and delayed reward---are the two most important distinguishing features of reinforcement learning."

This course will prepare you to study computational principles and hardware organization of what we mean by intelligence and goal-directed behavior. How to motivate machine to act on its own, yet to satisfy a desired objective? How machine interaction with environment leads to better behavior, better understanding, and success in its mission? What are the computational issues in doing this efficiently and in real time?

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	7213	Cognitive Neuroscience and Embodied Intelligence	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES: COURSE DESC:									
				REQUISITE: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
				Cognitive neuroscience focuses on understanding how the brain embodies the mind, using biologically inspired models made of neuron-like processing components. This subject lies at a cross-section of neuroscience and cognitive psychology, and involves developing models that illustrate brain functions, observed cognitive phenomena and their behavioral manifestations. These models are used to develop embodied agents that interact with the environment through a physical body that is able to perceive and act on the environment.									
ENT	EECS	EE	7213	Cognitive Neuroscience and Embodied Intelligence	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: COURSE DESC:									
				REQUISITE: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
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ENT	EECS	EE	7213	Cognitive Neuroscience and Embodied Intelligence	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: COURSE DESC:									
				REQUISITE: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
				Cognitive neuroscience focuses on understanding how the brain embodies the mind, using biologically inspired models made of neuron-like processing components. This subject lies at a cross-section of neuroscience and cognitive psychology, and involves developing models that illustrate brain functions, observed cognitive phenomena and their behavioral manifestations. These models are used to develop embodied agents that interact with the environment through a physical body that is able to perceive and act on the environment.									
ENT	EECS	EE	7233	Nonlinear System Analysis II	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: COURSE DESC:									
				REQUISITE: EE 6233 or 623 Advanced topics in nonlinear dynamical systems analysis: Regular and singular perturbations, passivity and dissipativity, frequency domain analysis methods such as the describing function and absolute stability.									
ENT	EECS	EE	7233	Nonlinear System Analysis II	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: COURSE DESC:									
				REQUISITE: EE 6233 or 623 Advanced topics in nonlinear dynamical systems analysis: Regular and singular perturbations, passivity and dissipativity, frequency domain analysis methods such as the describing function and absolute stability.									

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ENT	EECS	EE	7733	Time Frequency Analysis and Wavelet Signal Processing and Applications GEC1: A-F REQUISITE: EE 6713 COURSE DESC: Good knowledge of Fourier transforms, properties, basic DSP: sampling, DTFT, and discrete time filtering (grad DSP course EE6713) required. Structured to cover two areas: the broad area of time-frequency (TF) analysis, and the focused application of wavelets to various signal processing tasks. In TF analysis, covers the fundamental need for this type of analysis, the uncertainty principle, densities, characteristic functions, and mathematical representations, the short-time Fourier transform and Spectrogram, the Wigner distribution, other TF distributions, and some TF distribution construction methods. Various examples will be used to illustrate the power and challenges of TF analysis. In the wavelet section, connects TF analysis to the use of wavelets, and covers multiresolution analysis, 1D and 2D compression of signals and images, noise reduction, and signal modulation. MATLAB Wavelet Toolbox used to implement, study, and visualize the operation of wavelet filter banks.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7743	Mobile Communications GEC1: A-F REQUISITE: EE 6723 COURSE DESC: Introduction to mobile communication system design and analysis. Topics include representations for bandpass signals and systems, modeling of the mobile communication channel including both large scale path loss and multipath fading, signal set and receiver design for the mobile communication channel, characterization of interference, principles of coding and equalization, diversity techniques, performance over fading channels, access and mobility control, mobile network architectures and multiple access, and signaling protocols for mobile communication systems. Examples of mobile communication systems will be studied, including the latest generation cellular and mobile satellite systems.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7803	CDMA and Spread Spectrum Communications GEC1: A-F REQUISITE: EE 6723 COURSE DESC: Introduction to code division multiple access (CDMA) and spread spectrum (SS) systems, with coverage of both direct sequence and frequency hopped spread spectrum. Primary focus is the physical layer. Origins of SS, jamming, spectral overlay, spreading sequences, and performance in AWGN and fading channels. Code acquisition and tracking, power control. Selected topics of current interest.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7913	Advanced Digital Control Systems GEC1: A-F REQUISITE: COURSE DESC: Well versed in analyzing and designing control systems employing continuous time controllers using classical frequency domain and root locus techniques and introduced to state space analysis techniques for continuous systems expected. Focuses on analysis and design of control systems in which a digital computer used to implement dynamic controllers so that performance specifications are met. Topics included are z-transforms, linear difference equations, development of linear models for analog to digital and digital to analog devices, state equations for sampled data systems, stability analysis of feedback sampled-data feedback systems, block diagram representation of sampled data systems, design of discrete state variable controllers for digital feedback control systems via modern state space approaches, e.g., LQG, pole placement, and analysis of sampled-data feedback system to assess stability and performance. MATLAB and or SIMULINK used as the principal computation tool.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	7913	Advanced Digital Control Systems GEC1: A-F REQUISITE: COURSE DESC: Well versed in analyzing and designing control systems employing continuous time controllers using classical frequency domain and root locus techniques and introduced to state space analysis techniques for continuous systems expected. Focuses on analysis and design of control systems in which a digital computer used to implement dynamic controllers so that performance specifications are met. Topics included are z-transforms, linear difference equations, development of linear models for analog to digital and digital to analog devices, state equations for sampled data systems, stability analysis of feedback sampled-data feedback systems, block diagram representation of sampled data systems, design of discrete state variable controllers for digital feedback control systems via modern state space approaches, e.g., LQG, pole placement, and analysis of sampled-data feedback system to assess stability and performance. MATLAB and or SIMULINK used as the principal computation tool.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7953	Advanced Probability and Stochastic Processes for Communications GEC1: A-F REQUISITE: EE 6723 COURSE DESC: Coverage of advanced probability and stochastic processes for communications applications. Transformations of RVs, sequences of RVs and stochastic convergence, multiple statistics, parameter estimation, hypothesis testing, random walks, spectral representations (e.g., KL expansions), Markov processes. Selected topics of current interest.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7963	Advanced State Variable Methods in Control GEC1: A-F REQUISITE: EE 5213 COURSE DESC: Rigorous treatment of controllability and observability for LTI systems; standard state variable forms; duality; minimal realizations; grammians; eigenvalue placement with full state feedback; full and reduced order observers; separation principle; robustness; discrete-time systems; multivariable systems.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	7973	Linear Optimal Control GEC1: A-F REQUISITE: EE 7963 COURSE DESC: Performance functionals discrete-time systems; principle of optimality; Hamilton-Jacobi equation; finite-time solutions; steady-state solutions; asymptotic properties; design.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	7973	Linear Optimal Control GEC1: A-F REQUISITE: EE 7963 COURSE DESC: Performance functionals discrete-time systems; principle of optimality; Hamilton-Jacobi equation; finite-time solutions; steady-state solutions; asymptotic properties; design.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	8233	Nonlinear Control System Design GEC1: A-F REQUISITE: EE 6233 COURSE DESC: Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques	LEC	EL	3	0		N	G50		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	8233	Nonlinear Control System Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 6233									
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	EE	8233	Nonlinear Control System Design	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 6233									
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	EE	8233	Nonlinear Control System Design	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 6233									
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	EE	8900	Special Topics in Electrical Engineering	LEC	EL	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Current developments in electrical engineering. Selected topics offered at instructor discretion.									
ENT	EECS	EE	8900	Special Topics in Electrical Engineering	LEC	LE	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Current developments in electrical engineering. Selected topics offered at instructor discretion.									
ENT	EECS	EE	8940	Doctoral Research	RSC	RS	1 to 9	40		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Doctoral research.									
ENT	EECS	EE	8950	Dissertation	THE	TH	1 to 9	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Doctoral dissertation research and writing.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	1060	Engineering Orientation	LEC	LE	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Introduction to the Russ College and exploration of the ways engineers and technologists interact with society.									
ENT	ENT	ET	1100	Engineering Graphics Fundamentals	LAB	LB	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Basic theory and practice in engineering drawing. Topics include geometric construction, orthographic projection, dimensioning, and auxiliary, section, and pictorial views. Lab activities include free-hand sketching and computer-aided design (CAD) using AutoCAD and SolidEdge software.									
ENT	ENT	ET	1100	Engineering Graphics Fundamentals	LEC	LE	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Basic theory and practice in engineering drawing. Topics include geometric construction, orthographic projection, dimensioning, and auxiliary, section, and pictorial views. Lab activities include free-hand sketching and computer-aided design (CAD) using AutoCAD and SolidEdge software.									
ENT	ENT	ET	1500	Engineering and Technology: Career Orientation	LEC	EL	.5	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Introduces students to important theories, concepts, and skills related to conducting an effective career search for co-op and full-time positions. In this course, career-related issues are discussed, and students complete assignments that relate to the main course topics.									
ENT	ENT	ET	1500	Engineering and Technology: Career Orientation	LEC	LE	.5	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Introduces students to important theories, concepts, and skills related to conducting an effective career search for co-op and full-time positions. In this course, career-related issues are discussed, and students complete assignments that relate to the main course topics.									
ENT	ENT	ET	1910	Cooperative Education Field Experience I	INT	IN	1	10		N	U30		0
				ELIGIBLE GRADES: GEC5: CR, PR, F									
				COURSE DESC: Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.									
ENT	ENT	ET	2100	Programming in C	LAB	LB	4	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: A first course for students with no programming background who intend to continue with more advanced programming classes. Basic programming and programming structure, computer organization, data representation, control structures, manipulation of strings, arrays, structures, and pointers. Computer solutions to a variety of problems using the C programming language. Debugging and verification techniques.									
ENT	ENT	ET	2100	Programming in C	LEC	LE	4	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: A first course for students with no programming background who intend to continue with more advanced programming classes. Basic programming and programming structure, computer organization, data representation, control structures, manipulation of strings, arrays, structures, and pointers. Computer solutions to a variety of problems using the C programming language. Debugging and verification techniques.									
ENT	ENT	ET	2200	Statics	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: MATH 2302 and PHYS 2051 Laws of equilibrium of forces, friction, centroids, and moment of inertia.									
ENT	ENT	ET	2220	Strength of Materials	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: C or better in ET 2200 Simple stresses and strains, bending, torsion, beam deflection, columns, and combined stresses.									
ENT	ENT	ET	2240	Dynamics	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: PHYS 2051 and (C or better in ET 2200) Motion of particles and rigid bodies, work and energy, impulse and momentum.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	2300	Principles of Engineering Materials	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1210 or 1510									
		COURSE DESC:		Fundamental principles underlying behavior of engineering materials. Relationship between structure and properties of ceramic, metallic, and polymeric materials.									
ENT	ENT	ET	2800	Engineering and Technology - Overview	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intended for students of all majors; non-Engineering Technology students are encouraged. Provides an overview of engineering and technology, to place the profession in a historical context, to examine the views of supporters and detractors, to examine moral and ethical issues associated with the profession in society, and to develop an appreciation for the manner in which engineering and technological work is conducted. Emphasizes a "problem-solving" approach to questions of all kinds, but more specifically to technological ones.									
ENT	ENT	ET	2900	Special Topics in Engineering Technology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
ENT	ENT	ET	2900	Special Topics in Engineering Technology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
ENT	ENT	ET	2910	Cooperative Education Field Experience II	INT	IN	1	10		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500									
		COURSE DESC:		PR, F Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.									
ENT	ENT	ET	3132	Basic Electrical Engineering I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 263A or 2301									
		COURSE DESC:		DC circuits, single-phase steady state AC circuits, and the frequency and transient responses of energy-storage networks. Not open for credit to electrical engineering majors.									
ENT	ENT	ET	3200	Engineering Thermodynamics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 2301 or 263A or 263B or 266A or 266B) and (PHYS 2051 or 2001)									
		COURSE DESC:		Application of thermodynamics to engineering problems, including the first and second laws of thermodynamics.									
ENT	ENT	ET	3300	Engineering Economy	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Provides knowledge of the economic consequences of engineering decision processes, and methods for evaluation of engineering design alternatives in terms of costs and benefits. Topics include time equivalence of money, annual cost method, present worth method, rate of return method, depreciation, benefit/cost, break-even analysis, income taxes, equipment replacement and risk.									
ENT	ENT	ET	3800J	Engineering and Technology Public Policy	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Writing course in which students will learn about the legislative, regulatory and policy-making processes that will frame developing and existing technologies. Course content will include the theory, structure, and function of government as relates to engineering and technology public policy at the state and federal level. Evaluate engineering and technology public policy.									
ENT	ENT	ET	3910	Cooperative Education Field Experience III	INT	IN	1	10		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500									
		COURSE DESC:		PR, F Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.									
ENT	ENT	ET	4000	Professional Engineering Fundamentals Review	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Sr only									
		COURSE DESC:		PR, F Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	4000	Professional Engineering Fundamentals Review	LEC	LE	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.									
ENT	ENT	ET	4000	Professional Engineering Fundamentals Review	REC	EL	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.									
ENT	ENT	ET	4000	Professional Engineering Fundamentals Review	REC	RE	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F									
				COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.									
ENT	ENT	ET	4520	Appropriate Technology in Developing Countries	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	4520	Appropriate Technology in Developing Countries	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	4521	Engineering and Technology Projects in Developing Countries: Design	LEC	EL	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. As part of the team, they will be required to contribute to the development of specifications and a project plan including budget, materials, schedule and labor. They will be expected to master new relevant technical and non-technical material through attendance at lectures, consultation with faculty and professional mentors and self study. They will be also be expected to design and develop a sub-system that is part of a solution that is economically, environmentally, socially and ethically appropriate.									
ENT	ENT	ET	4521	Engineering and Technology Projects in Developing Countries: Design	LEC	LE	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. As part of the team, they will be required to contribute to the development of specifications and a project plan including budget, materials, schedule and labor. They will be expected to master new relevant technical and non-technical material through attendance at lectures, consultation with faculty and professional mentors and self study. They will be also be expected to design and develop a sub-system that is part of a solution that is economically, environmentally, socially and ethically appropriate.									
ENT	ENT	ET	4900	Special Topics in Engineering Technology	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR									
				COURSE DESC: Specific course content will vary with offering.									
ENT	ENT	ET	4900	Special Topics in Engineering Technology	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR									
				COURSE DESC: Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	4910	Cooperative Education Field Experience IV	INT	IN	1	10		N	U30		0
				ELIGIBLE GRADES: GEC5: CR, PR, F									
				COURSE DESC: Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.									
ENT	ENT	ET	4914	Engineering and Technology Project in Developing Countries: Implementation	INT	IN	1 to 3	9		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. This course will focus on the project implementation. Students will be expected to travel to a developing country as part of an education abroad experience and coordinate the realization of a project sub-system. Students will also be expected to work as part of an intercultural team and to expand their knowledge of the host country's culture.									
ENT	ENT	ET	4950	Robe Leadership Seminar	SEM	SE	3	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Permission required Through selected readings, class presentations, discussions, and case studies, students seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies are required during the term.									
ENT	ENT	ET	5300	Engineering Economy	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Provides knowledge of the economic consequences of engineering decision processes, and methods for evaluation of engineering design alternatives in terms of costs and benefits. Topics include time equivalence of money, annual cost method, present worth method, rate of return method, depreciation, benefit/cost, break-even analysis, income taxes, equipment replacement and risk.									
ENT	ENT	ET	5520	Appropriate Technology in Developing Countries	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	5520	Appropriate Technology in Developing Countries	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	5900	Selected Topics	LEC	LE	1 to 4	99		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR									
				COURSE DESC: A typical topic would be Engineering Writing, where students develop the ability to think critically as a professional communicator									
ENT	ENT	ET	5950	Robe Leadership Seminar	SEM	EL	3	0		I	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Permission required Through selected readings, class presentations, discussions, and case studies, students will seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields will visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies will be required during the term.									
ENT	ENT	ET	5950	Robe Leadership Seminar	SEM	SE	3	0		I	G40		0
				ELIGIBLE GRADES: GEC1: A-F									
				COURSE DESC: REQUISITE: Permission required Through selected readings, class presentations, discussions, and case studies, students will seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields will visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies will be required during the term.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	6020	Technical Writing Seminar	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Employing texts drawn from engineering. Provide guidance for thesis/dissertation preparation. Practice organizing and synthesizing ideas with special attention given to correctly using and referencing the work of others. Writing assignments focus on topics of the students choosing. Emphasis is placed on the style of writing appropriate for academic discourse in engineering.									
ENT	ENT	ET	6100	Seminar on Teaching Engineering and Technology	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Prepare graduate students for the teaching responsibilities that they will have as faculty members. Focus on strategies for effectively teaching engineering courses and include a variety of methods used by current faculty. Learn skills useful for communicating with team members, giving presentations, training others, or otherwise communicating and training people outside of academic settings.									
ENT	ENT	ET	6100	Seminar on Teaching Engineering and Technology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Prepare graduate students for the teaching responsibilities that they will have as faculty members. Focus on strategies for effectively teaching engineering courses and include a variety of methods used by current faculty. Learn skills useful for communicating with team members, giving presentations, training others, or otherwise communicating and training people outside of academic settings.									
ENT	ENT	ET	6900	Special Topics in Engineering Technology	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	ENT	ET	6900	Special Topics in Engineering Technology	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	ENT	ET	7990	Engineering Synthesis Seminar	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Completion of 20 semester hours of Ph.D. coursework									
		COURSE DESC:		CR, PR Integration of engineering and technology topics through group discussion with focus on technical communication.									
ENT	ENT	ET	7990	Engineering Synthesis Seminar	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Completion of 20 semester hours of Ph.D. coursework									
		COURSE DESC:		CR, PR Integration of engineering and technology topics through group discussion with focus on technical communication.									
ENT	ENT	ET	8900	Special Topics in Engineering Technology	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	ENT	ET	8900	Special Topics in Engineering Technology	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	ENT	ET	8940	Doctoral Research	RSC	RS	1 to 10	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Doctoral-level research in mechanical and systems engineering.									
ENT	ENT	ET	8950	Dissertation	THE	TH	1 to 15	99		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Doctoral dissertation research, under the direction of a graduate faculty member.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	1000	Introduction to Engineering Technology and Management	LEC	LE	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Introduction to career opportunities, job functions, and professional organizations in engineering technology and management. Discussion of curriculum and departmental procedures.									
ENT	ETM	ETM	1020	Engineering Graphics II and Dimensional Metrology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100									
		COURSE DESC:		A continuation of ET 1100. Covers 2D and 3D drawing using Solid Edge software, general dimensioning, geometric dimensioning, surface texture, threaded fasteners, and welding symbology. Note, detail and assembly drawings will be created for all the parts of two different products (metric and inch). The focus is on creating accurate 3D geometry and usable 2D production drawings. The dimensional metrology part of the course will cover the verification of general and geometric dimensions using basic measuring instruments.									
ENT	ETM	ETM	1020	Engineering Graphics II and Dimensional Metrology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100									
		COURSE DESC:		A continuation of ET 1100. Covers 2D and 3D drawing using Solid Edge software, general dimensioning, geometric dimensioning, surface texture, threaded fasteners, and welding symbology. Note, detail and assembly drawings will be created for all the parts of two different products (metric and inch). The focus is on creating accurate 3D geometry and usable 2D production drawings. The dimensional metrology part of the course will cover the verification of general and geometric dimensions using basic measuring instruments.									
ENT	ETM	ETM	1030	Enterprise Computer Methods	LAB	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of common methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Topics include project management (Project), spreadsheets and business software.									
ENT	ETM	ETM	1030	Enterprise Computer Methods	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of common methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Topics include project management (Project), spreadsheets and business software.									
ENT	ETM	ETM	1030	Enterprise Computer Methods	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of common methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Topics include project management (Project), spreadsheets and business software.									
ENT	ETM	ETM	1030	Enterprise Computer Methods	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of common methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Topics include project management (Project), spreadsheets and business software.									
ENT	ETM	ETM	1100	Introduction to Manufacturing Processes	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of industrial materials and processes with applications to current manufactured consumer products. Emphasis is placed on generic processes such as forming and separating as applied to a variety of industrial materials.									
ENT	ETM	ETM	1120	Introduction to Manufacturing Operations	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to the workings of a manufacturing enterprise. Includes the study of planning, organizing, and controlling labor, material, equipment and tooling. Lab activities emphasize use of manufacturing documentation and tooling to produce quality products.									
ENT	ETM	ETM	1120	Introduction to Manufacturing Operations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to the workings of a manufacturing enterprise. Includes the study of planning, organizing, and controlling labor, material, equipment and tooling. Lab activities emphasize use of manufacturing documentation and tooling to produce quality products.									
ENT	ETM	ETM	2030	Advanced Enterprise Computer Methods	LAB	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	2030	Advanced Enterprise Computer Methods	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.									
ENT	ETM	ETM	2030	Advanced Enterprise Computer Methods	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.									
ENT	ETM	ETM	2030	Advanced Enterprise Computer Methods	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.									
ENT	ETM	ETM	2080	Industrial Plastics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM The purpose of this course is to introduce students to plastics materials and processes and develop basic competencies appropriate for a manufacturing manager and/or engineer. These competencies will be developed from material presented in lectures, labs, the text, various assignments, and through hands on learning experiences.									
ENT	ETM	ETM	2080	Industrial Plastics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM The purpose of this course is to introduce students to plastics materials and processes and develop basic competencies appropriate for a manufacturing manager and/or engineer. These competencies will be developed from material presented in lectures, labs, the text, various assignments, and through hands on learning experiences.									
ENT	ETM	ETM	2150	Metal Casting	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 1120 and 2180 and 3010 and advanced standing in ETM Theory and practice of cast metals and foundry processes. Includes pattern design, pattern making, sand analysis, charge metal composition, flow analysis, and foundry-related documentation. Lab activities include sand casting and full mold casting of aluminum.									
ENT	ETM	ETM	2150	Metal Casting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 1120 and 2180 and 3010 and advanced standing in ETM Theory and practice of cast metals and foundry processes. Includes pattern design, pattern making, sand analysis, charge metal composition, flow analysis, and foundry-related documentation. Lab activities include sand casting and full mold casting of aluminum.									
ENT	ETM	ETM	2180	Metal Fabrication and Casting	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM Theory and practice of sheet metal forming and fabricating, and hot metal casting. Explores the relationship between material properties and processing capabilities. Lab activities emphasize shearing, bending, welding, mechanical fastening, and sand casting.									
ENT	ETM	ETM	2180	Metal Fabrication and Casting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM Theory and practice of sheet metal forming and fabricating, and hot metal casting. Explores the relationship between material properties and processing capabilities. Lab activities emphasize shearing, bending, welding, mechanical fastening, and sand casting.									
ENT	ETM	ETM	2190	Welding Technology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2180 and advanced standing in ETM Theory and practice of welding processes. Includes SMAW, GMAW, GTAW, Gas Metal Welding, and Resistance Welding. Class will include process for weld quality examination. Lab activities include welding and defect analysis.									
ENT	ETM	ETM	2190	Welding Technology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2180 and advanced standing in ETM Theory and practice of welding processes. Includes SMAW, GMAW, GTAW, Gas Metal Welding, and Resistance Welding. Class will include process for weld quality examination. Lab activities include welding and defect analysis.									
ENT	ETM	ETM	2210	Applied Mechatronics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (PHYS 2001 or 2051) and Advanced Standing in ETM Theory and application of physical principles associated with the use of mechanical, hydraulic, pneumatic, and electrical power in manufacturing. Includes gear trains, couplings, clutches, pumps, cylinders, compressors, and electric single and multiphase motors. Lab activities include working with gear systems, internal combustion engines, conveyors, motors, hydraulic and pneumatic systems.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	2210	Applied Mechatronics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (PHYS 2001 or 2051) and Advanced Standing in ETM Theory and application of physical principles associated with the use of mechanical, hydraulic, pneumatic, and electrical power in manufacturing. Includes gear trains, couplings, clutches, pumps, cylinders, compressors, and electric single and multiphase motors. Lab activities include working with gear systems, internal combustion engines, conveyors, motors, hydraulic and pneumatic systems.									
ENT	ETM	ETM	2510	Production Metal Machining	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 1030 and ET 1100 and advanced standing in ETM Theory and practice of production techniques for metal machining using manual and computer numerical control (CNC), machine tools, and non-conventional methods such as electrical discharge machining (EDM). Includes part print analysis, process analysis and planning, quality assurance factors, and computer-aided design and machining (CAD/CAM). Lab activities include programming CNC turning and machining centers to create molds and mass-produce parts.									
ENT	ETM	ETM	2510	Production Metal Machining	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 1030 and ET 1100 and advanced standing in ETM Theory and practice of production techniques for metal machining using manual and computer numerical control (CNC), machine tools, and non-conventional methods such as electrical discharge machining (EDM). Includes part print analysis, process analysis and planning, quality assurance factors, and computer-aided design and machining (CAD/CAM). Lab activities include programming CNC turning and machining centers to create molds and mass-produce parts.									
ENT	ETM	ETM	2900	Special Topics in Engineering Technology and Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
ENT	ETM	ETM	2900	Special Topics in Engineering Technology and Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
ENT	ETM	ETM	3001	Introduction to Technical Operations Management	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: PR, F Introduction to career opportunities, job functions, and professional organizations in Technical Operations Management. Discussion of curriculum and departmental procedures.									
ENT	ETM	ETM	3001	Introduction to Technical Operations Management	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: PR, F Introduction to career opportunities, job functions, and professional organizations in Technical Operations Management. Discussion of curriculum and departmental procedures.									
ENT	ETM	ETM	3010	Engineering Graphics Applications	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and (ETM 2080 or 2180) and advanced standing in ETM and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): ETM 3610 Theory and practice of constructing three-dimensional geometric models using computer aided-design (CAD). Also includes geometric dimensioning and tolerancing, fasteners, and the integration of graphic documents into the industrial environment. Lab activities include development of note, detail, and assembly drawings.									
ENT	ETM	ETM	3010	Engineering Graphics Applications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 1100 and (ETM 2080 or 2180) and advanced standing in ETM and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): ETM 3610 Theory and practice of constructing three-dimensional geometric models using computer aided-design (CAD). Also includes geometric dimensioning and tolerancing, fasteners, and the integration of graphic documents into the industrial environment. Lab activities include development of note, detail, and assembly drawings.									
ENT	ETM	ETM	3015	Aspects of Technical Operations Management	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MGT 2000 and Warning: No credit for this course if taken after the following: MGT 3000 This course examines the aspects of technical operations management and how when applied effectively they can provide an organization with a product or service with higher quality and at a lower cost than their competition. Emphasis is on providing a conceptual understanding of the operations function, which includes: business measures, product/service design, capacity planning, facilities planning and layout, work system design, managing quality, materials planning and inventory control, supply chain management and automatic identification & data capture.									

Operations is an essential function in all organizations, manufacturing or service, private or public, profit or non-profit. Technical operations managers work in factories, sports facilities, restaurants, banks, hospitals and clinics, airlines, etc. Operations are typically, by far, the largest segment of an organization with the largest budget, number of employees and square footage in the facility. All other departments in organizations interact with and are affected by Operations. For these reasons it is important to understand the operations functions.

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3015	Aspects of Technical Operations Management	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 2000 and Warning: No credit for this course if taken after the following: MGT 3000									
		COURSE DESC:		This course examines the aspects of technical operations management and how when applied effectively they can provide an organization with a product or service with higher quality and at a lower cost than their competition. Emphasis is on providing a conceptual understanding of the operations function, which includes: business measures, product/service design, capacity planning, facilities planning and layout, work system design, managing quality, materials planning and inventory control, supply chain management and automatic identification & data capture.									
				Operations is an essential function in all organizations, manufacturing or service, private or public, profit or non-profit. Technical operations managers work in factories, sports facilities, restaurants, banks, hospitals and clinics, airlines, etc. Operations are typically, by far, the largest segment of an organization with the largest budget, number of employees and square footage in the facility. All other departments in organizations interact with and are affected by Operations. For these reasons it is important to understand the operations functions.									
ENT	ETM	ETM	3020	Computer Graphics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and ETM 3010 and advanced standing in ETM									
		COURSE DESC:		Study and application of advanced computer-aided design (CAD) and computer-aided engineering (CAE) systems using parametric modeling principles. Includes the development of product models, assemblies, detailed drawings, and analysis models to generate multiple product variations, and data translation issues between competing software. Lab activities based upon commercial CAD/CAE software.									
ENT	ETM	ETM	3020	Computer Graphics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and ETM 3010 and advanced standing in ETM									
		COURSE DESC:		Study and application of advanced computer-aided design (CAD) and computer-aided engineering (CAE) systems using parametric modeling principles. Includes the development of product models, assemblies, detailed drawings, and analysis models to generate multiple product variations, and data translation issues between competing software. Lab activities based upon commercial CAD/CAE software.									
ENT	ETM	ETM	3030	Applications of Object Oriented Programming	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 1030 or ISE 1100									
		COURSE DESC:		Introduction to object oriented programming and rapid application development using a modern object oriented programming language. Lab activities emphasize the development of programs for various enterprise applications, including the use of graphics and integration with other network-based programs and databases.									
ENT	ETM	ETM	3030	Applications of Object Oriented Programming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 1030 or ISE 1100									
		COURSE DESC:		Introduction to object oriented programming and rapid application development using a modern object oriented programming language. Lab activities emphasize the development of programs for various enterprise applications, including the use of graphics and integration with other network-based programs and databases.									
ENT	ETM	ETM	3070	Manufacturing Design & Laboratory	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and not Engineering Technology and Management									
		COURSE DESC:		To study the basic processes of metal separating used in the manufacturing industry. Problems will be presented which will demand practical application in mechanical metal separating processes utilizing manual and Computer Numerical Controlled Machines (CNC). The course also includes an introduction to geometrical dimensioning and tolerancing and precision measurement to learn the capabilities and limitations of each machine process. Problem Analysis will be emphasized									
ENT	ETM	ETM	3070	Manufacturing Design & Laboratory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and not Engineering Technology and Management									
		COURSE DESC:		To study the basic processes of metal separating used in the manufacturing industry. Problems will be presented which will demand practical application in mechanical metal separating processes utilizing manual and Computer Numerical Controlled Machines (CNC). The course also includes an introduction to geometrical dimensioning and tolerancing and precision measurement to learn the capabilities and limitations of each machine process. Problem Analysis will be emphasized									
ENT	ETM	ETM	3100	Product Design	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ETM 2080 or 2180 or 2510) and advanced standing in ETM and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): ETM 3010									
		COURSE DESC:		Study of product design from concept to release for production, with emphasis on design for manufacturability. Lab activities include the design, development, and creation of mockups and prototypes.									
ENT	ETM	ETM	3100	Product Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ETM 2080 or 2180 or 2510) and advanced standing in ETM and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): ETM 3010									
		COURSE DESC:		Study of product design from concept to release for production, with emphasis on design for manufacturability. Lab activities include the design, development, and creation of mockups and prototypes.									
ENT	ETM	ETM	3200	Hydraulics and Pneumatics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 2210 and advanced standing in ETM									
		COURSE DESC:		Application of hydraulic and pneumatic principles to common industrial uses for power transmission and mechanism control. Includes a study of hardware and circuitry. Lab activities include construction and testing of fluid power circuits.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3200	Hydraulics and Pneumatics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2210 and advanced standing in ETM									
				Application of hydraulic and pneumatic principles to common industrial uses for power transmission and mechanism control. Includes a study of hardware and circuitry. Lab activities include construction and testing of fluid power circuits.									
ENT	ETM	ETM	3310	Database Applications & Analytics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and advanced standing in ETM									
				Teaches students relational database fundamentals, SQL programming skills, and simple database analytics. Includes principles of database design techniques and implementations. Upon completion, students will understand SQL functions, interfacing with an object oriented programming language, and will be able to write SELECT, INSERT, UPDATE, and DELETE statements. Extensive hands on exercises are used throughout the course to reinforce the material using Windows Forms and ASP.NET.									
ENT	ETM	ETM	3310	Database Applications & Analytics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and advanced standing in ETM									
				Teaches students relational database fundamentals, SQL programming skills, and simple database analytics. Includes principles of database design techniques and implementations. Upon completion, students will understand SQL functions, interfacing with an object oriented programming language, and will be able to write SELECT, INSERT, UPDATE, and DELETE statements. Extensive hands on exercises are used throughout the course to reinforce the material using Windows Forms and ASP.NET.									
ENT	ETM	ETM	3320	Electronics and Micro-Controllers	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM									
				Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	ETM	3320	Electronics and Micro-Controllers	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM									
				Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	ETM	3320	Electronics and Micro-Controllers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM									
				Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	ETM	3420	Programmable Logic Controllers and Process Control	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3320 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EE 4913									
				The application of Programmable Logic Controllers (PLCs) for process control is studied through lectures, exercises, and labs. Students learn to read and generate PLC Input Output (I/O) drawings, layout a panel, read and generate a Process and Instrumentation diagram (PID), and program a PLC using ladder logic									
ENT	ETM	ETM	3420	Programmable Logic Controllers and Process Control	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3320 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EE 4913									
				The application of Programmable Logic Controllers (PLCs) for process control is studied through lectures, exercises, and labs. Students learn to read and generate PLC Input Output (I/O) drawings, layout a panel, read and generate a Process and Instrumentation diagram (PID), and program a PLC using ladder logic									
ENT	ETM	ETM	3470	Plastics Molding Processes	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM									
				In-depth analysis of selected molding plastics processes including essentials of product/process design and their impact on product quality. Lab activities involve extensive analysis of molding and processes.									
ENT	ETM	ETM	3470	Plastics Molding Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM									
				In-depth analysis of selected molding plastics processes including essentials of product/process design and their impact on product quality. Lab activities involve extensive analysis of molding and processes.									
ENT	ETM	ETM	3480	Plastics Forming and Composites Fabrication	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and advanced standing in ETM									
				Advanced study of plastics product manufacturing using extrusion, blow molding, thermo-forming, fabrication, composite, and finishing processes. Includes part and mold/die design, material selection, process optimization, and manufacturing costs. Lab activities include mold building, and testing and process optimization.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3480	Plastics Forming and Composites Fabrication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and advanced standing in ETM									
				Advanced study of plastics product manufacturing using extrusion, blow molding, thermo-forming, fabrication, composite, and finishing processes. Includes part and mold/die design, material selection, process optimization, and manufacturing costs. Lab activities include mold building, and testing and process optimization.									
ENT	ETM	ETM	3490	Plastics Tooling	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM									
				Study of tooling required for extrusion, injection molding, compression molding, thermo-forming, and other production processes used to produce plastic parts. Lab activities include design and construction of molds for plastic forming.									
ENT	ETM	ETM	3490	Plastics Tooling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM									
				Study of tooling required for extrusion, injection molding, compression molding, thermo-forming, and other production processes used to produce plastic parts. Lab activities include design and construction of molds for plastic forming.									
ENT	ETM	ETM	3510	Production Tooling	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 or 3070) and (ETM 3010 or 3610) and Advanced Standing in ETM									
				Theory and Practice of Designing and constructing tooling to improve productivity and quality in various manufacturing applications. Lab activities include using computer aided design (CAD) software to design work holding jigs and fixtures. Also includes construction and testing of jigs, fixtures and gages.									
ENT	ETM	ETM	3510	Production Tooling	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 or 3070) and (ETM 3010 or 3610) and Advanced Standing in ETM									
				Theory and Practice of Designing and constructing tooling to improve productivity and quality in various manufacturing applications. Lab activities include using computer aided design (CAD) software to design work holding jigs and fixtures. Also includes construction and testing of jigs, fixtures and gages.									
ENT	ETM	ETM	3520	Computer Numerical Control Processes	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 and advanced standing in ETM) or ETM 3070									
				Advanced computer-aided design and computer-aided machining (CAD/CAM) for computer numerical control (CNC) machine tools. Lab activities focus on optimizing machining performance.									
ENT	ETM	ETM	3520	Computer Numerical Control Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 and advanced standing in ETM) or ETM 3070									
				Advanced computer-aided design and computer-aided machining (CAD/CAM) for computer numerical control (CNC) machine tools. Lab activities focus on optimizing machining performance.									
ENT	ETM	ETM	3540	Automatic Identification and Data Capture	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2310 and 3030 and advanced standing in ETM									
				Study of methods and systems used to automatically identify objects including bar coding, optical character recognition, magnetic stripe, radio frequency identification and biometrics. Various industrial applications will be studied, such as inventory, production control, order picking, and shipping/receiving. Lab experiences emphasize application of automatic identification technologies.									
ENT	ETM	ETM	3540	Automatic Identification and Data Capture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2310 and 3030 and advanced standing in ETM									
				Study of methods and systems used to automatically identify objects including bar coding, optical character recognition, magnetic stripe, radio frequency identification and biometrics. Various industrial applications will be studied, such as inventory, production control, order picking, and shipping/receiving. Lab experiences emphasize application of automatic identification technologies.									
ENT	ETM	ETM	3620	Supervision and Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: COMS 1030 and MGT 2000 and Advanced standing in ETM and Jr or Sr									
				Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people and operations and their application to actual on the job situations.									
ENT	ETM	ETM	3625	Supervision and Leadership in Technical Organizations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and MGT 2000									
				Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people in a technical organization.									
ENT	ETM	ETM	3630	Quality Management Systems	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and (ISE 3040 or MATH 2500) and (Tier I English composition course in ENG or ET or ETM) and advanced standing in ETM									
				Theory and practice of quality assurance principles in manufacturing. Includes statistical process control, process capability, gage capability, and quality management.									
ENT	ETM	ETM	3630	Quality Management Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and (ISE 3040 or MATH 2500) and (Tier I English composition course in ENG or ET or ETM) and advanced standing in ETM									
				Theory and practice of quality assurance principles in manufacturing. Includes statistical process control, process capability, gage capability, and quality management.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3635	Quality Assurance and Technical Documentation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		(ISE 3040 or MATH 2500 or QBA 2010) and (ENG 3090J or ENG 3080J or PRCM 3250J or SAM 3250J) and Academic Standing in ETM Theory and practice of quality assurance principles. Includes statistical process control, process capability, gauge capability, and quality management and an introduction to ISO documentation.									
ENT	ETM	ETM	3700J	Professional and Technical Writing	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Covers the preparation, research, organization, draft writing and revisions of technical documents such as proposals, product descriptions, mission statements, reports, and instructions.									
ENT	ETM	ETM	3820	Technical Project Management	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		ETM 2030 and MGT 2000 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ETM 3830 or ISE 4190 or ISE 4490 or MGT 3250 Students learn skills, tools, and strategies needed for technical projects. The focus of the course will be on key project management phases such as initiating, planning, executing, controlling, and closing projects as well as topics such as project integration management, scope management, time management, cost management, human resource management, communications management, and risk management.									
ENT	ETM	ETM	3830	Enterprise Project Management	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		(ETM 1030 or ISE 1100 or CE 2010 or MIS 2010 or 2011 or CS 2400 or ET 2100) and (MGT 2000 or 2100 or 3000 or 3200 or 3400 or 3500 or CE 2160) and WARNING: No credit for this course and (deduct credit for first course): CE 2160, ETM 3820, ISE 4190, 4490 Students will learn the skills, tools, and strategies needed to meet the needs of managing engineering projects. The topics in the course include initiating, planning, executing, controlling, and closing projects as well as project integration management, scope management, time management, cost management, human resource management, communications management, and risk management.									
ENT	ETM	ETM	3830	Enterprise Project Management	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		(ETM 1030 or ISE 1100 or CE 2010 or MIS 2010 or 2011 or CS 2400 or ET 2100) and (MGT 2000 or 2100 or 3000 or 3200 or 3400 or 3500 or CE 2160) and WARNING: No credit for this course and (deduct credit for first course): CE 2160, ETM 3820, ISE 4190, 4490 Students will learn the skills, tools, and strategies needed to meet the needs of managing engineering projects. The topics in the course include initiating, planning, executing, controlling, and closing projects as well as project integration management, scope management, time management, cost management, human resource management, communications management, and risk management.									
ENT	ETM	ETM	3830	Enterprise Project Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		(ETM 1030 or ISE 1100 or CE 2010 or MIS 2010 or 2011 or CS 2400 or ET 2100) and (MGT 2000 or 2100 or 3000 or 3200 or 3400 or 3500 or CE 2160) and WARNING: No credit for this course and (deduct credit for first course): CE 2160, ETM 3820, ISE 4190, 4490 Students will learn the skills, tools, and strategies needed to meet the needs of managing engineering projects. The topics in the course include initiating, planning, executing, controlling, and closing projects as well as project integration management, scope management, time management, cost management, human resource management, communications management, and risk management.									
ENT	ETM	ETM	3830	Enterprise Project Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		(ETM 1030 or ISE 1100 or CE 2010 or MIS 2010 or 2011 or CS 2400 or ET 2100) and (MGT 2000 or 2100 or 3000 or 3200 or 3400 or 3500 or CE 2160) and WARNING: No credit for this course and (deduct credit for first course): CE 2160, ETM 3820, ISE 4190, 4490 Students will learn the skills, tools, and strategies needed to meet the needs of managing engineering projects. The topics in the course include initiating, planning, executing, controlling, and closing projects as well as project integration management, scope management, time management, cost management, human resource management, communications management, and risk management.									
ENT	ETM	ETM	3900	Industrial Materials	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		ETM 2080 and 2180 and (CHEM 1210 or 1500 or 1510) and advanced standing in ETM Advanced theory and application of common industrial materials. Includes examination of the behavior of ceramics, polymers, metals, and composites.									
ENT	ETM	ETM	3900	Industrial Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		ETM 2080 and 2180 and (CHEM 1210 or 1500 or 1510) and advanced standing in ETM Advanced theory and application of common industrial materials. Includes examination of the behavior of ceramics, polymers, metals, and composites.									
ENT	ETM	ETM	4000	Senior Seminar	LEC	LE	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		Sr only and Advanced Standing in ETM PR, F Discussion of projected employment opportunities, career enhancement activities, and professional development options in industrial technology.									
ENT	ETM	ETM	4005	Technical Operations Management Senior Seminar	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		ETM 3625 and ETM 3635 and SR and ETM major PR, F Discussion sessions relating to projected employment opportunities, career enhancement activities, and professional development options in technical operations management.									

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ENT	ETM	ETM	4005	Technical Operations Management Senior Seminar	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: ETM 3625 and ETM 3635 and SR and ETM major									
		COURSE DESC:		Discussion sessions relating to projected employment opportunities, career enhancement activities, and professional development options in technical operations management.									
ENT	ETM	ETM	4010	Dimensional Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3010 and advanced standing in ETM									
		COURSE DESC:		Will deal specifically with the analysis phase of dimensional management. The main areas covered are linear and radial statistical stack-ups of dynamic mechanical assemblies that use general and geometric dimensions. Some information is given regarding two and three-dimensional analysis methods. The primary method of learning will take place through analytical problem solving using manual and computer methods.									
ENT	ETM	ETM	4300	Enterprise Supply Chain Logistics	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 2550 and MGT 2000 and advanced standing in ETM									
		COURSE DESC:		Reviews the movement, storage tracking of data, for raw materials, work-in-process inventory, and finished goods from point of origin to point of consumption									
ENT	ETM	ETM	4300	Enterprise Supply Chain Logistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 2550 and MGT 2000 and advanced standing in ETM									
		COURSE DESC:		Reviews the movement, storage tracking of data, for raw materials, work-in-process inventory, and finished goods from point of origin to point of consumption									
ENT	ETM	ETM	4320	Lean Enterprise Methods	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 1030 and MGT 2000 and (Jr or Sr)									
		COURSE DESC:		In today's world, organizations compete in a global market place. In order to compete successfully, organizations must eliminate all forms of waste from their process, through continuous improvement processes. Lean enterprise principles provide methods to achieve these goals. Lean operational approaches provide an organization with a set of methods and tools to assist in the identification and then continuous eliminations of waste and enterprise improvements.									
ENT	ETM	ETM	4320	Lean Enterprise Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 1030 and MGT 2000 and (Jr or Sr)									
		COURSE DESC:		In today's world, organizations compete in a global market place. In order to compete successfully, organizations must eliminate all forms of waste from their process, through continuous improvement processes. Lean enterprise principles provide methods to achieve these goals. Lean operational approaches provide an organization with a set of methods and tools to assist in the identification and then continuous eliminations of waste and enterprise improvements.									
ENT	ETM	ETM	4325	Lean Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 2030 and 3635 and 3820									
		COURSE DESC:		In this course students will learn how to identify and eliminate all forms of waste from process, through lean continuous improvement systems. Lean systems such as Poka Yoke, Value Stream Mapping, Kaizen, Kanban, Jidoka, 6 σ s will be taught and practiced. This class will provide the student with a set of methods and tools to assist in the identification and continuous elimination of wastes in organizational systems while improving overall operations while meeting customer requirements.									
ENT	ETM	ETM	4330	Radio Frequency Identification for the Supply Chain	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 2310 and 3030 or (CS 2300 or 4620 or CTCH 2410 or 2420 or 2850 or ITS 2010 or MIS 2200 or 4580)									
		COURSE DESC:		Radio frequency identification (RFID) is a key technology within the supply chain and automatic identification arenas. This course will introduce students to the various types of FRID that exist, why it is such an important topic and how to successfully implement RFID to solve a business problem. Lectures, assignments and various projects will help students to understand the advantages, obstacles and various issues surrounding the technology.									
ENT	ETM	ETM	4330	Radio Frequency Identification for the Supply Chain	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 2310 and 3030 or (CS 2300 or 4620 or CTCH 2410 or 2420 or 2850 or ITS 2010 or MIS 2200 or 4580)									
		COURSE DESC:		Radio frequency identification (RFID) is a key technology within the supply chain and automatic identification arenas. This course will introduce students to the various types of FRID that exist, why it is such an important topic and how to successfully implement RFID to solve a business problem. Lectures, assignments and various projects will help students to understand the advantages, obstacles and various issues surrounding the technology.									
ENT	ETM	ETM	4350	Automation, Robotics & Control Systems	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3310 and 3200 and 3320 and advanced standing in ETM									
		COURSE DESC:		Theory and application of digital controls in manufacturing. Includes relay logic and closed loop control theory using negative feedback. Introduction to sensors, signal conditioning, circuits, D-A and A-D conversion, and Proportional-Integral-Derivative (PID) control. Lab experiments include programmable logic controllers and control of mechanical, hydraulic, pneumatic and electrical systems. Theory and application of robots used in manufacturing. Includes classifications, sensors and feedback mechanisms, robot/computer communications, and programming. Also includes selection of robots based on task and economic criteria. Lab activities include on- and off-line programming of robots and developing robotic work cells.									
ENT	ETM	ETM	4350	Automation, Robotics & Control Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3310 and 3200 and 3320 and advanced standing in ETM									
		COURSE DESC:		Theory and application of digital controls in manufacturing. Includes relay logic and closed loop control theory using negative feedback. Introduction to sensors, signal conditioning, circuits, D-A and A-D conversion, and Proportional-Integral-Derivative (PID) control. Lab experiments include programmable logic controllers and control of mechanical, hydraulic, pneumatic and electrical systems. Theory and application of robots used in manufacturing. Includes classifications, sensors and feedback mechanisms, robot/computer communications, and programming. Also includes selection of robots based on task and economic criteria. Lab activities include on- and off-line programming of robots and developing robotic work cells.									

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ENT	ETM	ETM	4420	Purchasing and Supply Chain Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BUSL 2000 and ETM 3015 and ETM 3635 and FIN 2020 and MGT 2000							
		COURSE DESC:		Purchasing, logistics and Supply Chain Management principles are key functions in most enterprises. This class provides an introduction to the key fundamentals and tools used in these functional areas.									
ENT	ETM	ETM	4420	Purchasing and Supply Chain Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BUSL 2000 and ETM 3015 and ETM 3635 and FIN 2020 and MGT 2000							
		COURSE DESC:		Purchasing, logistics and Supply Chain Management principles are key functions in most enterprises. This class provides an introduction to the key fundamentals and tools used in these functional areas.									
ENT	ETM	ETM	4600	Applied Technical Operations Management	LEC	LE	5	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	ETM 3625 and 3635 and 3820 and 4325 and FIN 3000							
		COURSE DESC:		PR This is a capstone course requiring each student to use knowledge from previous technical and business courses to develop and conduct an operations project. Senior project elements include process planning and control, resource planning, communications, evaluating cost considerations, quality assurance, business documentation, and project management.									
ENT	ETM	ETM	4620	Operations and Production Capstone	LAB	LB	5	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM (3010 or 102) and (3630 or 363) and (3510 or (IT 216 and ETM 351) and Sr only and advanced standing in ETM							
		COURSE DESC:		Capstone course requiring student teams to use knowledge from previous technical and business courses to develop a manufacturing operations plan for a product. Includes production planning and control, resource planning, product cost considerations, facilities planning, and tooling design and construction. Experience current concepts of enterprise-wide computer integrated manufacturing, manufacturing control systems, and new product development. Emphasis will be placed on team work, computerized production documentation, supply chain execution systems, lean manufacturing, integration and optimization of all business technical functions, operations within a manufacturing enterprise, and product development. Lab activities include the implementation of the above plan including tool build, plant layout, and actual production of parts and product.									
ENT	ETM	ETM	4620	Operations and Production Capstone	LEC	LE	5	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM (3010 or 102) and (3630 or 363) and (3510 or (IT 216 and ETM 351) and Sr only and advanced standing in ETM							
		COURSE DESC:		Capstone course requiring student teams to use knowledge from previous technical and business courses to develop a manufacturing operations plan for a product. Includes production planning and control, resource planning, product cost considerations, facilities planning, and tooling design and construction. Experience current concepts of enterprise-wide computer integrated manufacturing, manufacturing control systems, and new product development. Emphasis will be placed on team work, computerized production documentation, supply chain execution systems, lean manufacturing, integration and optimization of all business technical functions, operations within a manufacturing enterprise, and product development. Lab activities include the implementation of the above plan including tool build, plant layout, and actual production of parts and product.									
ENT	ETM	ETM	4621	Operations Management Capstone I	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2210 and 2510 and (3010 or 3610) and 3030 and advanced standing in ETM and Sr and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4620							
		COURSE DESC:		Operations Management and Capstone I requires student teams to use knowledge from previous technical and business courses to develop a manufacturing operations plan for a product. This includes production planning and control, resource planning, product cost considerations. Students will experience current concepts of the new product development process. Emphasis will be placed on team work, project management, computerized production documentation, lean manufacturing, integration and optimization of business technical functions, operations within a manufacturing enterprise, Quality assurance planning and six sigma, product design and development. Lab activities include prototype and engineering builds of the product designed by the student teams. This is the first of the Capstone I and II series, which has to be taken in consecutive semesters.									
ENT	ETM	ETM	4621	Operations Management Capstone I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2210 and 2510 and (3010 or 3610) and 3030 and advanced standing in ETM and Sr and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4620							
		COURSE DESC:		Operations Management and Capstone I requires student teams to use knowledge from previous technical and business courses to develop a manufacturing operations plan for a product. This includes production planning and control, resource planning, product cost considerations. Students will experience current concepts of the new product development process. Emphasis will be placed on team work, project management, computerized production documentation, lean manufacturing, integration and optimization of business technical functions, operations within a manufacturing enterprise, Quality assurance planning and six sigma, product design and development. Lab activities include prototype and engineering builds of the product designed by the student teams. This is the first of the Capstone I and II series, which has to be taken in consecutive semesters.									
ENT	ETM	ETM	4622	Operations Management Capstone II	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 4621 and 3510 and 3630 and Sr and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4620							
		COURSE DESC:		For ETM 4622, the enrolled students use the documentation and project plan developed as a part of their culmination experience in ETM 4621. Based on this documentation they develop a production management plan, tooling, an inventory control system, work instructions and a quality control plan to execute a production run. Students gain supervision and management experience through this where each group manages their peers to produce 15-25 products in a 6 hour time period. Students evaluate their peers as part of the assessment. The same student groups from ETM 4621 are maintained and so students complete ETM 4621 and 4622 in two consecutive semesters. Under special circumstances students are assigned to one of the teams in ETM 4622 by the instructor.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	4622	Operations Management Capstone II	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 4621 and 3510 and 3630 and Sr and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4620							
		COURSE DESC:		For ETM 4622, the enrolled students use the documentation and project plan developed as a part of their culmination experience in ETM 4621. Based on this documentation they develop a production management plan, tooling, an inventory control system, work instructions and a quality control plan to execute a production run. Students gain supervision and management experience through this where each group manages their peers to produce 15-25 products in a 6 hour time period. Students evaluate their peers as part of the assessment. The same student groups from ETM 4621 are maintained and so students complete ETM 4621 and 4622 in two consecutive semesters. Under special circumstances students are assigned to one of the teams in ETM 4622 by the instructor.									
ENT	ETM	ETM	4830	Safety Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BUSL 2550 and ETM 2180 and 3620 and advanced standing in ETM							
		COURSE DESC:		Study of organized industrial safety programs, including historical and social perspectives and the responsibilities of management to provide a safe work environment..									
ENT	ETM	ETM	4830	Safety Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BUSL 2550 and ETM 2180 and 3620 and advanced standing in ETM							
		COURSE DESC:		Study of organized industrial safety programs, including historical and social perspectives and the responsibilities of management to provide a safe work environment..									
ENT	ETM	ETM	4840	Maintenance Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 3010 and 3320 and (2080 or 2180) and advanced standing in ETM							
		COURSE DESC:		Study of organized industrial maintenance systems. Includes environmental control, structural, mechanical, and electrical requirements.									
ENT	ETM	ETM	4900	Special Topics in Engineering Technology and Management	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	ETM	4900	Special Topics in Engineering Technology and Management	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	ETM	4930	Independent Study in Engineering Technology Management.	IND	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Advanced Standing in ETM							
		COURSE DESC:		Selected topics that are current and relevant to engineering technology management.									
ENT	ETM	ETM	4930	Independent Study in Engineering Technology Management.	IND	IS	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Advanced Standing in ETM							
		COURSE DESC:		Selected topics that are current and relevant to engineering technology management.									
ENT	ETM	ETM	5320	Lean Enterprise Methods	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		In today's world, organizations compete in a global market place. In order to compete successfully, organizations must eliminate all forms of waste from their process, through continuous improvement processes. Lean enterprise principles provide methods to achieve these goals. Lean operational approaches provide an organization with a set of methods and tools to assist in the identification and then continuous eliminations of waste and enterprise improvements.									
ENT	ETM	ETM	5320	Lean Enterprise Methods	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		In today's world, organizations compete in a global market place. In order to compete successfully, organizations must eliminate all forms of waste from their process, through continuous improvement processes. Lean enterprise principles provide methods to achieve these goals. Lean operational approaches provide an organization with a set of methods and tools to assist in the identification and then continuous eliminations of waste and enterprise improvements.									
ENT	ETM	ETM	5900	Special Topics in Engineering Technology and Management	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	ETM	5900	Special Topics in Engineering Technology and Management	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR							
		COURSE DESC:		Specific course content will vary with offering.									

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 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	5930	SPCL TOPICS IN TECHNOLOGY	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Selected advanced topics that are current and relevant to industrial technology. May be repeated.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	EMGT	6000	Foundations of Engineering Management	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Engineering management skills and executive leadership are required to meet the demands of both global and domestic markets. Modern corporations require engineering leadership to be creative and progressive, and to produce profitable performance. Will help engineers to broaden their understanding of management activities and their unique applications to engineering functions.									
ENT	ISE	EMGT	6000	Foundations of Engineering Management	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Engineering management skills and executive leadership are required to meet the demands of both global and domestic markets. Modern corporations require engineering leadership to be creative and progressive, and to produce profitable performance. Will help engineers to broaden their understanding of management activities and their unique applications to engineering functions.									
ENT	ISE	EMGT	6010	Engineering Writing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students to develop the ability to think critically as a professional communicator by asking appropriate questions that will enable them to understand, develop, and produce effective communication using the following elements of thought: purpose, basic concepts, information sources and needs, underlying assumptions, inferences/conclusions, implications/consequences, points of view, and questions raised and addressed.									
ENT	ISE	EMGT	6010	Engineering Writing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to help students to develop the ability to think critically as a professional communicator by asking appropriate questions that will enable them to understand, develop, and produce effective communication using the following elements of thought: purpose, basic concepts, information sources and needs, underlying assumptions, inferences/conclusions, implications/consequences, points of view, and questions raised and addressed.									
ENT	ISE	EMGT	6100	Statistics for Engineering Management	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Estimation theory, hypothesis testing, and statistical prediction, simple linear regression, multiple regression, transformations, analysis of variance, and simple experimental design.									
ENT	ISE	EMGT	6100	Statistics for Engineering Management	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Estimation theory, hypothesis testing, and statistical prediction, simple linear regression, multiple regression, transformations, analysis of variance, and simple experimental design.									
ENT	ISE	EMGT	6110	Principles of Six Sigma	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include: tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	EMGT	6110	Principles of Six Sigma	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include: tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	EMGT	6120	Quality Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Focuses on the concepts of total quality management including: philosophies and frameworks of quality management, incorporating quality into strategic planning, leadership, process measurement and management, continuous quality improvement, and ISO 9000. Original writings by major figures in the quality movement, such as Deming, Juran, Tagucji, etc. will be discussed.									
ENT	ISE	EMGT	6120	Quality Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Focuses on the concepts of total quality management including: philosophies and frameworks of quality management, incorporating quality into strategic planning, leadership, process measurement and management, continuous quality improvement, and ISO 9000. Original writings by major figures in the quality movement, such as Deming, Juran, Tagucji, etc. will be discussed.									
ENT	ISE	EMGT	6200	Information Systems Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction to applications of information systems industry and the design and implementation of these systems. Students will also learn systems modeling and how to utilize a Rapid Application Development tool to extract needed information from a database.									
ENT	ISE	EMGT	6210	Database Information Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	EMGT 6200						
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	EMGT	6210	Database Information Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6200									
				Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	EMGT	6220	Data Acquisition and Predictive Analytics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6100 and EMGT 6200; no credit if taken after MBA 6325									
				The objective of this course is to teach students modern methods for data analysis and predictive analytics. Students will gain the knowledge to develop advanced queries and apply statistical methods and machine learning to analyze the data and make predictions in the engineering management context.									
ENT	ISE	EMGT	6300	Project Management	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 or enrolled in MS7271 program									
				Modeling of project constraints using network methodologies such as CPM and PERT to determine activities critical to meeting a project deadline. Utilization of stochastic models to determine possible changes in the critical path. Will also cover methods for economic evaluation of project alternatives.									
ENT	ISE	EMGT	6400	Engineering Law	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000									
				Study of the legal system; domestic and international environments of intellectual property policy (including patents, trademarks, copyrights, and trade secrets), torts and various sources of personal, facility, products and enterprise liability; contracts and issues arising from various types of contractual relationships; and aspects of administrative law (dealing with agencies) and employment law.									
ENT	ISE	EMGT	6400	Engineering Law	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000									
				Study of the legal system; domestic and international environments of intellectual property policy (including patents, trademarks, copyrights, and trade secrets), torts and various sources of personal, facility, products and enterprise liability; contracts and issues arising from various types of contractual relationships; and aspects of administrative law (dealing with agencies) and employment law.									
ENT	ISE	EMGT	6500	Lean Thinking Methods	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000									
				The objective of this course is to teach students tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, continuous improvement. The methods will be learned by practicing them in group discussions and in projects. Upon completion of the course, students will possess skills to apply lean methods in their working environments.									
ENT	ISE	EMGT	6500	Lean Thinking Methods	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000									
				The objective of this course is to teach students tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, continuous improvement. The methods will be learned by practicing them in group discussions and in projects. Upon completion of the course, students will possess skills to apply lean methods in their working environments.									
ENT	ISE	EMGT	6600	Applied Accounting and Finance for Engineering Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EMGT 6000									
				Principles and techniques of accounting, finance, performance measures and decision making are examined and applied in the engineering management context. Methods of cost accounting are presented, compared and used. Relationships between cost, volume and profit are illustrated, and related parameters are calculated. Budgets for production, direct labor, manufacturing and other functions are prepared. Performance measures are analyzed and applied. Differential analysis techniques are used to support engineering management decisions. Financial statements and statements of cash flows are examined and interpreted to assess the financial health of engineering organizations.									
ENT	ISE	EMGT	6700	Engineering Leadership	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course will provide information, experiences and skill development to aid the student in creating an inventory of leadership knowledge for lifelong development of effective leadership abilities. This will be accomplished through selected readings, supplemental videos, interviews of experienced leaders, reflections and discussions to explore, develop, and reinforce leadership development. Case studies from engineering leaders will be used for discussions of the principles being covered.									
ENT	ISE	EMGT	6700	Engineering Leadership	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course will provide information, experiences and skill development to aid the student in creating an inventory of leadership knowledge for lifelong development of effective leadership abilities. This will be accomplished through selected readings, supplemental videos, interviews of experienced leaders, reflections and discussions to explore, develop, and reinforce leadership development. Case studies from engineering leaders will be used for discussions of the principles being covered.									
ENT	ISE	EMGT	6900	Special Topics in Engineering Management	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ISE	EMGT	6900	Special Topics in Engineering Management	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	EMGT	6930	Special Investigations	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Independent study of a topic in engineering management under the guidance of a faculty member.									
ENT	ISE	EMGT	6930	Special Investigations	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Independent study of a topic in engineering management under the guidance of a faculty member.									
ENT	ISE	EMGT	6949	Engineering Management Project	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EMGT 6010 and 6110 and 6200 and 6300									
		COURSE DESC:		Students are required to work on a project. They pick a topic of their choice and study in detail. Though not required, they are recommended to select this topic from the organization they are currently working. The project includes problem definition, solution techniques, analysis performed, results obtained, discussions, and conclusions.									
ENT	ISE	ISE	1100	Introduction to Computers and Industrial Engineering	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces the primary skills that industrial engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.									
ENT	ISE	ISE	1100	Introduction to Computers and Industrial Engineering	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces the primary skills that industrial engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.									
ENT	ISE	ISE	2100	Data Management and Display	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ISE 1100 and MATH 2301 and (Soph or Jr or Sr)									
		COURSE DESC:		Demonstrates ways in which data, primarily numeric, can represent systems. Topics focus on the dimensionality of the data and common formats for data in structured problem solving. Introduces software used for data management and analysis. Students will also learn to present their results in a written format and use graphical displays to supplement their writing.									
ENT	ISE	ISE	2100	Data Management and Display	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ISE 1100 and MATH 2301 and (Soph or Jr or Sr)									
		COURSE DESC:		Demonstrates ways in which data, primarily numeric, can represent systems. Topics focus on the dimensionality of the data and common formats for data in structured problem solving. Introduces software used for data management and analysis. Students will also learn to present their results in a written format and use graphical displays to supplement their writing.									
ENT	ISE	ISE	2900	Special Topics in Industrial Systems Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		CR											
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ISE	ISE	2900	Special Topics in Industrial Systems Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		CR											
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ISE	ISE	3040	Fundamentals of Statistics	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1300 or 1350 or 163A or 2301 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or GEOG 2710 or GEOL 3050 or ISE 3200 or MATH 2500 or PSY 1110 or QBA 2010									
		COURSE DESC:		To prepare technology students to understand and use statistics to evaluate and make decisions about processes and results that they encounter in their engineering and technology jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression.									
ENT	ISE	ISE	3040	Fundamentals of Statistics	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1300 or 1350 or 163A or 2301 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or GEOG 2710 or GEOL 3050 or ISE 3200 or MATH 2500 or PSY 1110 or QBA 2010									
		COURSE DESC:		To prepare technology students to understand and use statistics to evaluate and make decisions about processes and results that they encounter in their engineering and technology jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression.									
ENT	ISE	ISE	3200	Engineering Statistics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 263A or 2301) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or ISE 3040 or GEOG 2710 or GEOL 3050 or MATH 2500 or PSY 1110 or QBA 2010									
		COURSE DESC:		To prepare engineering and technology students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions. Topics include functions of random variables, fundamentals of probability theory, sampling distributions, probability density function and cumulative distribution function, estimation theory, hypothesis testing, statistical prediction, ANOVA techniques, simple linear regression analysis, and computer software for basic statistical analysis.									

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ENT	ISE	ISE	3210	Engineering Probability	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and C- or better in ISE 3200 and MATH 3500									
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	ISE	3210	Engineering Probability	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and C- or better in ISE 3200 and MATH 3500									
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	ISE	3340	Work Design	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 2100 and 3200 and (ENG 1510 or ENG 1610) and (Soph or Jr or Sr)									
		COURSE DESC:		Design of work systems and measurement of work. Topics include job methods, operation analysis, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, and learning curves. Students are also introduced to ergonomics considerations in the design of manual operations. Students will also learn how to present the results of their analysis in a written report.									
ENT	ISE	ISE	3910	Internship in Industrial and Systems Engineering	INT	IN	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		Supervised work-study program, in industrial and systems engineering profession, in established industrial or government environment. Credit dependent upon advance registration and mutual agreement between faculty supervisor and participating company. Hours applied for graduation limited by dept.									
ENT	ISE	ISE	4120	Inventory and Manufacturing Control I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 1100 and 3200									
		COURSE DESC:		Classification of production systems, discussion of demand characteristics, forecasting. Applications of mathematical modeling for production planning and master production scheduling. Review of basic inventory models. Introduction to just-in-time/lean manufacturing, materials requirements planning, capacity planning and scheduling. A planning project is required as part of the course.									
ENT	ISE	ISE	4120	Inventory and Manufacturing Control I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 1100 and 3200									
		COURSE DESC:		Classification of production systems, discussion of demand characteristics, forecasting. Applications of mathematical modeling for production planning and master production scheduling. Review of basic inventory models. Introduction to just-in-time/lean manufacturing, materials requirements planning, capacity planning and scheduling. A planning project is required as part of the course.									
ENT	ISE	ISE	4130	Industrial Computer Simulation	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3210 and (ET 2100 or ETM 3030)									
		COURSE DESC:		Simulation of industrial engineering systems using discrete event simulation. Events definition and classification. Application of event modeling approaches: event graphs, entity life cycle diagram, pseudo-code. Process modeling approach to simulation using visual modeling tools. Coverage of basic (entities, processes, and resources), intermediate (queues, seize and release), and advanced (entity transport) modeling concepts. Planning of simulation experiments and statistical analysis of the results. Animation of simulated model. Application of simulation in manufacturing, production, and service areas. Lab projects using simulation software.									
ENT	ISE	ISE	4130	Industrial Computer Simulation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3210 and (ET 2100 or ETM 3030)									
		COURSE DESC:		Simulation of industrial engineering systems using discrete event simulation. Events definition and classification. Application of event modeling approaches: event graphs, entity life cycle diagram, pseudo-code. Process modeling approach to simulation using visual modeling tools. Coverage of basic (entities, processes, and resources), intermediate (queues, seize and release), and advanced (entity transport) modeling concepts. Planning of simulation experiments and statistical analysis of the results. Animation of simulated model. Application of simulation in manufacturing, production, and service areas. Lab projects using simulation software.									
ENT	ISE	ISE	4140	Introduction to Operations Research	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 1100 and MATH 3200									
		COURSE DESC:		Introduction to basic methods of operations research, modeling methods, linear programming, simplex method, transportation and assignment models, and integer programming.									
ENT	ISE	ISE	4140	Introduction to Operations Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 1100 and MATH 3200									
		COURSE DESC:		Introduction to basic methods of operations research, modeling methods, linear programming, simplex method, transportation and assignment models, and integer programming.									
ENT	ISE	ISE	4150	Information Systems Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 2100									
		COURSE DESC:		An introduction to applications of information systems industry and the design and implementation of these systems. Students will also learn systems modeling and database development.									
ENT	ISE	ISE	4160	Principles of Six Sigma	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200 or 3040 or MATH 2500									
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4160	Principles of Six Sigma	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200 or 3040 or MATH 2500									
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	ISE	4170	Lean Manufacturing and Service Systems	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 and Warning: No credit for both this course and the following (always deduct credit for first course taken): ETM 4320 or ETM 4325									
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	ISE	4170	Lean Manufacturing and Service Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 and Warning: No credit for both this course and the following (always deduct credit for first course taken): ETM 4320 or ETM 4325									
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	ISE	4190	Senior Capstone Design I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3300 and Sr only and Warning: No credit for both this course and the following: CE 2160 or ETM 3820 or 3830 or ISE 4490									
		COURSE DESC:		Development and utilization of network techniques, such as PERT and CPM, to schedule activities, develop financial budgets; allocate resources, and control progress and costs of practical projects. Students are introduced to a computer program that can generate project schedules. The students will, under the co-direction of an industry mentor and a faculty member, be able to work as a member of a team and integrate and synthesize industrial engineering tools and skills to solve a problem. First phase is to identify the design methodology and schedule for the project.									
ENT	ISE	ISE	4191	Senior Capstone Design II	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 and 4120 and 4130 and 4140 and 4160 and 4190 and Sr only and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): ISE 4192									
		COURSE DESC:		The students will, under the co-direction of an industry mentor and a faculty member, be able to work as a member of a team and integrate and synthesize industrial engineering tools and skills to solve a problem. The second phase is to continue the methodology and conclude the analysis, oral and written report of the project that was begun in ISE 4190.									
ENT	ISE	ISE	4192	Senior Capstone	LEC	LE	6	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 and 4120 and 4130 and 4140 and 4160 and 4490 and Senior only and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ISE 4191									
		COURSE DESC:		Students work in teams to complete a real-world industrial and systems engineering project, under the co-direction of an industry mentor and a faculty member. The projects require students to integrate and synthesize industrial engineering tools and skills to solve their assigned problem.									
ENT	ISE	ISE	4300	Introduction to Designed Experiments	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200 or MATH 2500									
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	ISE	4300	Introduction to Designed Experiments	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200 or MATH 2500									
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	ISE	4310	Introduction to Systems Engineering	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									
ENT	ISE	ISE	4310	Introduction to Systems Engineering	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4311	Applied Systems Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(ISE 3040 or 3200) and (jr or sr)						
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									
ENT	ISE	ISE	4311	Applied Systems Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(ISE 3040 or 3200) and (jr or sr)						
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									
ENT	ISE	ISE	4315	Decision Theory	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 3200 or MATH 2500						
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	ISE	4315	Decision Theory	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 3200 or MATH 2500						
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	ISE	4320	Inventory and Manufacturing Control II	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 4120						
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	ISE	4320	Inventory and Manufacturing Control II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 4120						
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	ISE	4325	Supply Chain Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(MATH 3200 or 3210) and (ISE 3200 or ISE 3040 or CE 4000 or EE 3713 or MATH 2500)						
		COURSE DESC:		This course explores the key issues associated with the design and management of supply chains. Supply chains are the cornerstone of today's global economy and are concerned with the efficient integration of suppliers, factories, warehouses and stores so that products are distributed to customers in the right quantity and at the right time.									
ENT	ISE	ISE	4330	Cost Engineering	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ET 3300 and ISE 3200						
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	ISE	4330	Cost Engineering	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ET 3300 and ISE 3200						
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	ISE	4335	Applications of Mathematical Programming	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 4140						
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	ISE	4335	Applications of Mathematical Programming	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ISE 4140						
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside	
ENT	ISE	ISE	4345	Network Analysis	LEC	EL	2	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 4140										
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.										
ENT	ISE	ISE	4345	Network Analysis	LEC	LE	2	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 4140										
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.										
ENT	ISE	ISE	4350	Database Information Systems	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 2100										
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.										
ENT	ISE	ISE	4350	Database Information Systems	LEC	LE	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 2100										
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.										
ENT	ISE	ISE	4355	Introduction to Reliability Engineering	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3210										
		COURSE DESC:		Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.										
ENT	ISE	ISE	4355	Introduction to Reliability Engineering	LEC	LE	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3210										
		COURSE DESC:		Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.										
ENT	ISE	ISE	4360	Facility Planning and Design	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3300 and ISE 3340										
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.										
ENT	ISE	ISE	4360	Facility Planning and Design	LEC	LE	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3300 and ISE 3340										
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.										
ENT	ISE	ISE	4365	Material Handling Systems Engineering	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340										
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.										
ENT	ISE	ISE	4365	Material Handling Systems Engineering	LEC	LE	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340										
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.										
ENT	ISE	ISE	4370	Manufacturing Systems	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only										
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.										
ENT	ISE	ISE	4370	Manufacturing Systems	LEC	LE	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only										
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.										
ENT	ISE	ISE	4375	Computer Integrated Manufacturing	LEC	EL	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3070										
		COURSE DESC:		Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.										

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4375	Computer Integrated Manufacturing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ETM 3070									
				Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.									
ENT	ISE	ISE	4380	Human Factors Engineering	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ISE 3200 and 3340									
				Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									
ENT	ISE	ISE	4380	Human Factors Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ISE 3200 and 3340									
				Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									
ENT	ISE	ISE	4381	Industrial Ergonomics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ISE 4380									
				This course is intended to prepare engineering and technology students to understand and use the concepts and tools in the field of ergonomics to reduce the risk of injury and improve productivity in the workplace. Topics covered will include biomechanics, basic mechanisms of injury, ergonomic assessment tools (posture, biomechanics, work physiology, and workload assessment), human error, and systems design and assessment.									
ENT	ISE	ISE	4381	Industrial Ergonomics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ISE 4380									
				This course is intended to prepare engineering and technology students to understand and use the concepts and tools in the field of ergonomics to reduce the risk of injury and improve productivity in the workplace. Topics covered will include biomechanics, basic mechanisms of injury, ergonomic assessment tools (posture, biomechanics, work physiology, and workload assessment), human error, and systems design and assessment.									
ENT	ISE	ISE	4385	Seminar on Occupational Safety and Health	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				Historical development of worker's compensation and industrial health and safety; review of federal activities in occupational health and safety with focus on contemporary public policy and risk/benefit issues. Specific occupational health and safety issues dealt with in seminar format.									
ENT	ISE	ISE	4390	Work Physiology and Occupational Biomechanics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				Introduction to the theory and methodologies involved in work physiology and occupational biomechanics. Structural and functional design of the human body to determine its implications for the design of physical work, tools, and the workplace itself. Applications to classification of work, manual materials handling, tool design, workplace design, and worker selection and training. Selected environmental conditions that alter performance will be discussed.									
ENT	ISE	ISE	4390	Work Physiology and Occupational Biomechanics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				Introduction to the theory and methodologies involved in work physiology and occupational biomechanics. Structural and functional design of the human body to determine its implications for the design of physical work, tools, and the workplace itself. Applications to classification of work, manual materials handling, tool design, workplace design, and worker selection and training. Selected environmental conditions that alter performance will be discussed.									
ENT	ISE	ISE	4395	Cognitive Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				Addresses the human capabilities and limitations in information processing, learning, perception and attention, and applications of this knowledge to the analysis and design of human-machine interfaces in the work environment.									
ENT	ISE	ISE	4395	Cognitive Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Sr only									
				Addresses the human capabilities and limitations in information processing, learning, perception and attention, and applications of this knowledge to the analysis and design of human-machine interfaces in the work environment.									
ENT	ISE	ISE	4490	Project Management	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (Jr or Sr) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ISE 4190 or CE 2160 or ETM 3820 or ETM 3830									
				Development and utilization of network techniques, such as PERT and CPM, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.									
ENT	ISE	ISE	4500	Colloquium	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: Sr only									
				Presentations on topics related to the profession of Industrial and Systems Engineering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4900	Special Topics	LEC	EL	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.									
ENT	ISE	ISE	4900	Special Topics	LEC	LE	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.									
ENT	ISE	ISE	4930	Special Investigations	IND	EL	1 to 4	96		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									
ENT	ISE	ISE	4930	Special Investigations	IND	IS	1 to 4	96		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									
ENT	ISE	ISE	5120	Inventory and Manufacturing Control I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Classification of production systems, discussion of demand characteristics, forecasting. Applications of mathematical modeling for production planning and master production scheduling. Review of basic inventory models. Introduction to just-in-time/lean manufacturing, materials requirements planning, capacity planning and scheduling. A planning project is required as part of the course.									
ENT	ISE	ISE	5120	Inventory and Manufacturing Control I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Classification of production systems, discussion of demand characteristics, forecasting. Applications of mathematical modeling for production planning and master production scheduling. Review of basic inventory models. Introduction to just-in-time/lean manufacturing, materials requirements planning, capacity planning and scheduling. A planning project is required as part of the course.									
ENT	ISE	ISE	5130	Industrial Computer Simulation	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Simulation of industrial engineering systems using discrete event simulation. Events definition and classification. Application of event modeling approaches: event graphs, entity life cycle diagram, pseudo-code. Process modeling approach to simulation using visual modeling tools. Coverage of basic (entities, processes, and resources), intermediate (queues, seize and release), and advanced (entity transport) modeling concepts. Planning of simulation experiments and statistical analysis of the results. Animation of simulated model. Application of simulation in manufacturing, production, and service areas. Lab projects using simulation software.									
ENT	ISE	ISE	5130	Industrial Computer Simulation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Simulation of industrial engineering systems using discrete event simulation. Events definition and classification. Application of event modeling approaches: event graphs, entity life cycle diagram, pseudo-code. Process modeling approach to simulation using visual modeling tools. Coverage of basic (entities, processes, and resources), intermediate (queues, seize and release), and advanced (entity transport) modeling concepts. Planning of simulation experiments and statistical analysis of the results. Animation of simulated model. Application of simulation in manufacturing, production, and service areas. Lab projects using simulation software.									
ENT	ISE	ISE	5140	Introduction to Operations Research	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to basic methods of operations research, modeling methods, linear programming, simplex method, transportation and assignment models, and integer programming.									
ENT	ISE	ISE	5140	Introduction to Operations Research	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to basic methods of operations research, modeling methods, linear programming, simplex method, transportation and assignment models, and integer programming.									
ENT	ISE	ISE	5150	Information Systems Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to applications of information systems industry and the design and implementation of these systems. Students will also learn systems modeling and database development.									
ENT	ISE	ISE	5160	Principles of Six Sigma	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									

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ENT	ISE	ISE	5160	Principles of Six Sigma	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	ISE	5170	Lean Manufacturing and Service Systems	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	ISE	5170	Lean Manufacturing and Service Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	ISE	5200	Engineering Statistics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		To prepare engineering and technology students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions. Topics include functions of random variables, fundamentals of probability theory, sampling distributions, probability density function and cumulative distribution function, estimation theory, hypothesis testing, statistical prediction, ANOVA techniques, simple linear regression analysis, and computer software for basic statistical analysis.									
ENT	ISE	ISE	5210	Engineering Probability	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	ISE	5210	Engineering Probability	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	ISE	5300	Introduction to Designed Experiments	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	ISE	5300	Introduction to Designed Experiments	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	ISE	5310	Introduction to Systems Engineering	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									
ENT	ISE	ISE	5310	Introduction to Systems Engineering	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									
ENT	ISE	ISE	5311	Applied Systems Engineering	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									
ENT	ISE	ISE	5311	Applied Systems Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	5315	Decision Theory	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	ISE	5315	Decision Theory	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	ISE	5320	Inventory and Manufacturing Control II	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	ISE	5320	Inventory and Manufacturing Control II	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	ISE	5325	Supply Chain Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course explores the key issues associated with the design and management of supply chains. Supply chains are the cornerstone of today's global economy and are concerned with the efficient integration of suppliers, factories, warehouses and stores so that products are distributed to customers in the right quantity and at the right time.									
ENT	ISE	ISE	5330	Cost Engineering	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	ISE	5330	Cost Engineering	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	ISE	5335	Applications of Mathematical Programming	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	ISE	5335	Applications of Mathematical Programming	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	ISE	5340	Work Design	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design of work systems and measurement of work. Topics include job methods, operation analysis, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, and learning curves. Students are also introduced to ergonomics considerations in the design of manual operations.									
ENT	ISE	ISE	5345	Network Analysis	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	ISE	5345	Network Analysis	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	ISE	5350	Database Information Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									

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ENT	ISE	ISE	5350	Database Information Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	ISE	5355	Introduction to Reliability Engineering	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.									
ENT	ISE	ISE	5355	Introduction to Reliability Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.									
ENT	ISE	ISE	5360	Facility Planning and Design	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.									
ENT	ISE	ISE	5360	Facility Planning and Design	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.									
ENT	ISE	ISE	5365	Material Handling Systems Engineering	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.									
ENT	ISE	ISE	5365	Material Handling Systems Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.									
ENT	ISE	ISE	5370	Manufacturing Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.									
ENT	ISE	ISE	5370	Manufacturing Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.									
ENT	ISE	ISE	5375	Computer Integrated Manufacturing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.									
ENT	ISE	ISE	5375	Computer Integrated Manufacturing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.									
ENT	ISE	ISE	5380	Human Factors Engineering	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									

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ENT	ISE	ISE	5380	Human Factors Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									
ENT	ISE	ISE	5381	Industrial Ergonomics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is intended to prepare engineering and technology students to understand and use the concepts and tools in the field of ergonomics to reduce the risk of injury and improve productivity in the workplace. Topics covered will include biomechanics, basic mechanisms of injury, ergonomic assessment tools (posture, biomechanics, work physiology, and workload assessment), human error, and systems design and assessment.									
ENT	ISE	ISE	5381	Industrial Ergonomics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is intended to prepare engineering and technology students to understand and use the concepts and tools in the field of ergonomics to reduce the risk of injury and improve productivity in the workplace. Topics covered will include biomechanics, basic mechanisms of injury, ergonomic assessment tools (posture, biomechanics, work physiology, and workload assessment), human error, and systems design and assessment.									
ENT	ISE	ISE	5385	Seminar on Occupational Safety and Health	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Historical development of worker's compensation and industrial health and safety; review of federal activities in occupational health and safety with focus on contemporary public policy and risk/benefit issues. Specific occupational health and safety issues dealt with in seminar format.									
ENT	ISE	ISE	5390	Work Physiology and Occupational Biomechanics	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the theory and methodologies involved in work physiology and occupational biomechanics. Structural and functional design of the human body to determine its implications for the design of physical work, tools, and the workplace itself. Applications to classification of work, manual materials handling, tool design, workplace design, and worker selection and training. Selected environmental conditions that alter performance will be discussed.									
ENT	ISE	ISE	5390	Work Physiology and Occupational Biomechanics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the theory and methodologies involved in work physiology and occupational biomechanics. Structural and functional design of the human body to determine its implications for the design of physical work, tools, and the workplace itself. Applications to classification of work, manual materials handling, tool design, workplace design, and worker selection and training. Selected environmental conditions that alter performance will be discussed.									
ENT	ISE	ISE	5395	Cognitive Engineering	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses the human capabilities and limitations in information processing, learning, perception and attention, and applications of this knowledge to the analysis and design of human-machine interfaces in the work environment.									
ENT	ISE	ISE	5395	Cognitive Engineering	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses the human capabilities and limitations in information processing, learning, perception and attention, and applications of this knowledge to the analysis and design of human-machine interfaces in the work environment.									
ENT	ISE	ISE	5490	Project Management	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Development and utilization of network techniques, such as PERT and CPM, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.									
ENT	ISE	ISE	5900	Special Topics	LEC	EL	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.									
ENT	ISE	ISE	5900	Special Topics	LEC	LE	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.									
ENT	ISE	ISE	5910	Graduate Internship in ISE	INT	IN	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F An internship course of ISE graduate students. Students wishing to gain external experience during their studies should enroll in this course for credit when performing an internship.									
ENT	ISE	ISE	5930	Special Investigations	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	5930	Special Investigations ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.	IND	IS	1 to 4	8		N	G40		0
ENT	ISE	ISE	6110	Analysis of Engineering Systems I ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduction to structured approach to analysis of engineering systems. Development of design requirements, functional and operational architecture of a system design. Application of Analytic Hierarchical Process (AHP) in system analysis and design. Introduction to autonomous agent systems.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6110	Analysis of Engineering Systems I ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduction to structured approach to analysis of engineering systems. Development of design requirements, functional and operational architecture of a system design. Application of Analytic Hierarchical Process (AHP) in system analysis and design. Introduction to autonomous agent systems.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6115	Analysis of Engineering Systems II ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Overview of analytical methods for the analysis of discrete and continuous time systems. Modeling and analysis of discrete systems using petri nets and DEDS models. Application of systems dynamics to modeling and analysis of manufacturing inventory systems, supply chain management, and other complex systems.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6115	Analysis of Engineering Systems II ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Overview of analytical methods for the analysis of discrete and continuous time systems. Modeling and analysis of discrete systems using petri nets and DEDS models. Application of systems dynamics to modeling and analysis of manufacturing inventory systems, supply chain management, and other complex systems.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6120	Probabilistic System Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Intended to prepare engineering management students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions about a population. Analysis methods covered include hypothesis testing and regression.	LEC	EL	3	0		N	G40		0
ENT	ISE	ISE	6120	Probabilistic System Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Intended to prepare engineering management students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions about a population. Analysis methods covered include hypothesis testing and regression.	LEC	LE	3	0		N	G40		0
ENT	ISE	ISE	6140	Reliability in Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduces graduate students to advanced topics in reliability: Bayesian reliability analysis, reliability of systems with dependent components, design and analysis of accelerated life test, and design and analysis of accelerated degradation test.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6140	Reliability in Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduces graduate students to advanced topics in reliability: Bayesian reliability analysis, reliability of systems with dependent components, design and analysis of accelerated life test, and design and analysis of accelerated degradation test.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6150	Information Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Design and control of information flow in organizations. Information storage and retrieval by data processing equipment. Students practice design of information systems in laboratory.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6150	Information Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Design and control of information flow in organizations. Information storage and retrieval by data processing equipment. Students practice design of information systems in laboratory.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6160	Environmental Systems Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Discusses issues of modern world where industrial systems/products provide comfort and convenience that everybody enjoys. However, some of these activities may adversely affect the environment (land, water, air) if we do not address some of potential problems carefully.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6160	Environmental Systems Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Discusses issues of modern world where industrial systems/products provide comfort and convenience that everybody enjoys. However, some of these activities may adversely affect the environment (land, water, air) if we do not address some of potential problems carefully.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6230	Seminar Transportation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Covers planning, design and management transportation systems. Various aspects of transportation such as transportation modes (land, sea, air, rail) to safety and security issues are also discussed. Different transportation modeling approaches will also be introduced and studied (network modeling, mathematical modeling, and simulation, etc.).	SEM	EL	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	6230	Seminar Transportation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Covers planning, design and management transportation systems. Various aspects of transportation such as transportation modes (land, sea, air, rail) to safety and security issues are also discussed. Different transportation modeling approaches will also be introduced and studied (network modeling, mathematical modeling, and simulation, etc.).	SEM	SE	3	0		N	G40		0
ENT	ISE	ISE	6260	Artificial Neural Networks in Manufacturing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6260	Artificial Neural Networks in Manufacturing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6300	Seminar in Industrial and Systems Engineering ELIGIBLE GRADES: GEC3: A-F, CR COURSE DESC: REQUISITE: Current topics and new developments in industrial and systems engineering. Focus on research methods and resources for conducting thesis research. Required of all ISE graduate students.	SEM	EL	1	2		N	G40		0
ENT	ISE	ISE	6300	Seminar in Industrial and Systems Engineering ELIGIBLE GRADES: GEC3: A-F, CR COURSE DESC: REQUISITE: Current topics and new developments in industrial and systems engineering. Focus on research methods and resources for conducting thesis research. Required of all ISE graduate students.	SEM	SE	1	2		N	G40		0
ENT	ISE	ISE	6320	Seminar on the Control of Inventory and Manufacturing Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ISE 5120 Advanced inventory control, scheduling, production planning, materials planning, lot sizing and forecasting techniques. Integration of scheduling and materials planning (Schedule-Based MRP/ERP), integration of inventory control and finite capacity scheduling. Critical review of current literature on inventory and manufacturing control.	SEM	EL	2	0		N	G40		0
ENT	ISE	ISE	6320	Seminar on the Control of Inventory and Manufacturing Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ISE 5120 Advanced inventory control, scheduling, production planning, materials planning, lot sizing and forecasting techniques. Integration of scheduling and materials planning (Schedule-Based MRP/ERP), integration of inventory control and finite capacity scheduling. Critical review of current literature on inventory and manufacturing control.	SEM	SE	2	0		N	G40		0
ENT	ISE	ISE	6360	Project Analysis and Management ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: WARNING: Not ISE 5490 Development and utilization of network techniques, such as CPM and PERT, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.	LEC	EL	3	0		N	G40		0
ENT	ISE	ISE	6360	Project Analysis and Management ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: WARNING: Not ISE 5490 Development and utilization of network techniques, such as CPM and PERT, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.	LEC	LE	3	0		N	G40		0
ENT	ISE	ISE	6400	Facilities Layout and Location ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Construction and improvement algorithms for discrete layout problems. Math programming formulations for continuous layout problems; planar and network location models. Design of linear, nonlinear, quadratic, and network programming applications. Analysis of trade-offs between model realism and solvability.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	6400	Facilities Layout and Location ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Construction and improvement algorithms for discrete layout problems. Math programming formulations for continuous layout problems; planar and network location models. Design of linear, nonlinear, quadratic, and network programming applications. Analysis of trade-offs between model realism and solvability.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	6420	Warehouse and Distribution Systems Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Quantitative and operational approach to the design of the total receiving, storage, and retrieval system including packaging, palletizing, storage, order picking, shipping, facility design, information systems, and operating policy.	LEC	EL	3	0		N	G40		0
ENT	ISE	ISE	6420	Warehouse and Distribution Systems Design ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Quantitative and operational approach to the design of the total receiving, storage, and retrieval system including packaging, palletizing, storage, order picking, shipping, facility design, information systems, and operating policy.	LEC	LE	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	6500	Foundations of Engineering Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of managing engineering and technology. It is designed to teach engineers the management skills they will need to be effective throughout their careers. It introduces the ways in which management principles are applied in the kinds of work they are most likely to encounter.									
ENT	ISE	ISE	6500	Foundations of Engineering Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of managing engineering and technology. It is designed to teach engineers the management skills they will need to be effective throughout their careers. It introduces the ways in which management principles are applied in the kinds of work they are most likely to encounter.									
ENT	ISE	ISE	6550	Engineering Supply Chain Management	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines networks of manufacturers and distributors. Study of buyer/supplier relationships and the procurement of materials, including product requirements and negotiations.									
ENT	ISE	ISE	6550	Engineering Supply Chain Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines networks of manufacturers and distributors. Study of buyer/supplier relationships and the procurement of materials, including product requirements and negotiations.									
ENT	ISE	ISE	6600	Geometric Modeling in Manufacturing	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An advanced graduate level course in manufacturing applications of geometric modeling. Topics covered will include geometric transformations, solid modeling representations, feature recognition and feature modeling, and generative process planning.									
ENT	ISE	ISE	6600	Geometric Modeling in Manufacturing	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An advanced graduate level course in manufacturing applications of geometric modeling. Topics covered will include geometric transformations, solid modeling representations, feature recognition and feature modeling, and generative process planning.									
ENT	ISE	ISE	6710	Scheduling and Sequencing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Defining scheduling function, performance measures and terminology. Topics include scheduling algorithms for single machine, parallel machine, flow shop, job shop, cellular manufacturing systems, flexible manufacturing systems and also solution methodologies such as heuristic procedures, constructive algorithms, branch and bound approaches, dynamic programming, linear programming, integer programming, mixed integer programming, genetic algorithms, tabu search simulated annealing and fuzzy math modeling. Focusing on manufacturing scheduling in practice with relations to capacity, multiple resource requirements and material availability. Also discussing hierarchical scheduling approaches needed to solve nested scheduling problems using case studies.									
ENT	ISE	ISE	6710	Scheduling and Sequencing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Defining scheduling function, performance measures and terminology. Topics include scheduling algorithms for single machine, parallel machine, flow shop, job shop, cellular manufacturing systems, flexible manufacturing systems and also solution methodologies such as heuristic procedures, constructive algorithms, branch and bound approaches, dynamic programming, linear programming, integer programming, mixed integer programming, genetic algorithms, tabu search simulated annealing and fuzzy math modeling. Focusing on manufacturing scheduling in practice with relations to capacity, multiple resource requirements and material availability. Also discussing hierarchical scheduling approaches needed to solve nested scheduling problems using case studies.									
ENT	ISE	ISE	6900	Special topics	LEC	EL	1 to 6	99		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Content varies based on the interest of the instructor.									
ENT	ISE	ISE	6900	Special topics	LEC	LE	1 to 6	99		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Content varies based on the interest of the instructor.									
ENT	ISE	ISE	6930	Independent Study in Industrial and Systems Engineering	IND	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve readings, lectures, and presentations.									
ENT	ISE	ISE	6930	Independent Study in Industrial and Systems Engineering	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve readings, lectures, and presentations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	6940	Research	RSC	RS	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Research contents varies.									
ENT	ISE	ISE	6949	Nonthesis Master's Project	RSC	RS	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Project content varies.									
ENT	ISE	ISE	6950	Thesis	THE	TH	1 to 15	90		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Thesis content varies.									
ENT	ISE	ISE	7090	Intelligent Engineering Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The objective is to enable the students to learn methods and techniques of artificial intelligence and enable them to apply these methods in building knowledge-based engineering systems. Students will learn fundamental AI techniques (such as space search and knowledge representation) and study several techniques for building knowledge-based systems in various domains. After successfully completing this course, the students will possess enough theoretical knowledge and programming experience for building intelligent systems in their engineering disciplines.									
ENT	ISE	ISE	7090	Intelligent Engineering Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The objective is to enable the students to learn methods and techniques of artificial intelligence and enable them to apply these methods in building knowledge-based engineering systems. Students will learn fundamental AI techniques (such as space search and knowledge representation) and study several techniques for building knowledge-based systems in various domains. After successfully completing this course, the students will possess enough theoretical knowledge and programming experience for building intelligent systems in their engineering disciplines.									
ENT	ISE	ISE	7100	Genetic Algorithms in Manufacturing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Genetic algorithms are search algorithms based on the mechanics of natural selection and natural genetic operators such as crossover and mutation. Genetic algorithms and evolutionary computation concepts will be presented. Their application to engineering problems in manufacturing system design, scheduling, lot sizing, layout, constrained optimization, vehicle routing and other network problems will be emphasized. In addition, their connections to other artificial intelligence paradigms, such as genetic programming, fuzzy logic, and artificial immune system will be introduced.									
ENT	ISE	ISE	7100	Genetic Algorithms in Manufacturing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Genetic algorithms are search algorithms based on the mechanics of natural selection and natural genetic operators such as crossover and mutation. Genetic algorithms and evolutionary computation concepts will be presented. Their application to engineering problems in manufacturing system design, scheduling, lot sizing, layout, constrained optimization, vehicle routing and other network problems will be emphasized. In addition, their connections to other artificial intelligence paradigms, such as genetic programming, fuzzy logic, and artificial immune system will be introduced.									
ENT	ISE	ISE	7260	Neural Networks Using OR	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		The objective is to help the student develop an overall understanding of advanced techniques using neural networks including knowledge extraction such as decision trees, grey box creation along with embedding ANNs into other software applications.									
ENT	ISE	ISE	7260	Neural Networks Using OR	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		The objective is to help the student develop an overall understanding of advanced techniques using neural networks including knowledge extraction such as decision trees, grey box creation along with embedding ANNs into other software applications.									
ENT	ISE	ISE	7270	Data Integration	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Data integration, including object based structures, relational and hierarchical data. Typical structures will be in Express and XML. Topics will include recent articles on determining consistency and synchronization.									
ENT	ISE	ISE	7270	Data Integration	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Data integration, including object based structures, relational and hierarchical data. Typical structures will be in Express and XML. Topics will include recent articles on determining consistency and synchronization.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	7320	Seminar in the Control of Inventory and Manufacturing Systems GEC1: A-F REQUISITE: ISE 5120 ELIGIBLE GRADES: COURSE DESC: Focus of this seminar is on case studies. It includes presentation of relevant case studies and literature followed by critique of the procedures used and the results obtained. Related research done within department included. Representatives of industry invited to present their control systems for critique.	SEM	EL	2	0		N	G40		0
ENT	ISE	ISE	7320	Seminar in the Control of Inventory and Manufacturing Systems GEC1: A-F REQUISITE: ISE 5120 ELIGIBLE GRADES: COURSE DESC: Focus of this seminar is on case studies. It includes presentation of relevant case studies and literature followed by critique of the procedures used and the results obtained. Related research done within department included. Representatives of industry invited to present their control systems for critique.	SEM	SE	2	0		N	G40		0
ENT	ISE	ISE	7330	Advanced Systems Simulation GEC1: A-F REQUISITE: ISE 5130 ELIGIBLE GRADES: COURSE DESC: Advanced discrete event simulation modeling. Modeling, design, statistical analysis, and optimization of large scale systems. Programming and comparison of simulators, simulation languages, and object-oriented simulation tools. Verification and validation methods of simulation models.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7330	Advanced Systems Simulation GEC1: A-F REQUISITE: ISE 5130 ELIGIBLE GRADES: COURSE DESC: Advanced discrete event simulation modeling. Modeling, design, statistical analysis, and optimization of large scale systems. Programming and comparison of simulators, simulation languages, and object-oriented simulation tools. Verification and validation methods of simulation models.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7610	Operations Research I - Combinatorial Optimization GEC1: A-F REQUISITE: COURSE DESC: Focuses on Combinatorial Optimization. The topics include algorithms and their computational complexity, convex optimization, linear programming, duality theory, solution techniques for integer programming and relaxation methods, transportation and various network problems, and finally stochastic programming methods.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7610	Operations Research I - Combinatorial Optimization GEC1: A-F REQUISITE: COURSE DESC: Focuses on Combinatorial Optimization. The topics include algorithms and their computational complexity, convex optimization, linear programming, duality theory, solution techniques for integer programming and relaxation methods, transportation and various network problems, and finally stochastic programming methods.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7620	Operations Research II - Urban OR GEC1: A-F REQUISITE: COURSE DESC: Focuses on Urban OR applications. The topics include dynamic programming, nonlinear programming, game theory, and various implementations in energy supply, environmental planning, green engineering, health care, public hygiene, urban transportation, regional planning and demographics, financial engineering, project management, energy finance, risk and disruption management, and sustainability analysis.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7620	Operations Research II - Urban OR GEC1: A-F REQUISITE: COURSE DESC: Focuses on Urban OR applications. The topics include dynamic programming, nonlinear programming, game theory, and various implementations in energy supply, environmental planning, green engineering, health care, public hygiene, urban transportation, regional planning and demographics, financial engineering, project management, energy finance, risk and disruption management, and sustainability analysis.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7630	Operations Research III - Queueing Theory and Applications GEC1: A-F REQUISITE: COURSE DESC: Focuses on Queueing Theory and its applications. The topics include waiting line vs. probability theory, single-server, multiple-server and infinitely many server models, and variations from these models, queueing network analysis, birth-death process, simulation and stochastic models, and illustrations in manufacturing, service industry, traffic analysis, and capacity planning.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7630	Operations Research III - Queueing Theory and Applications GEC1: A-F REQUISITE: COURSE DESC: Focuses on Queueing Theory and its applications. The topics include waiting line vs. probability theory, single-server, multiple-server and infinitely many server models, and variations from these models, queueing network analysis, birth-death process, simulation and stochastic models, and illustrations in manufacturing, service industry, traffic analysis, and capacity planning.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7720	Optimization Engineering Systems I - Metaheuristics GEC1: A-F REQUISITE: COURSE DESC: Focuses on metaheuristics and their applications in engineering problems. The topics include comparison of metaheuristics with classical optimization and heuristics, tabu search, simulated annealing, neighborhood search, scatter search, local search, hybrid search approaches and their application in manufacturing, service industry, and other engineering optimization problems.	LEC	EL	2	0		N	G40		0

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ENT	ISE	ISE	7720	Optimization Engineering Systems I - Metaheuristics	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on metaheuristics and their applications in engineering problems. The topics include comparison of metaheuristics with classical optimization and heuristics, tabu search, simulated annealing, neighborhood search, scatter search, local search, hybrid search approaches and their application in manufacturing, service industry, and other engineering optimization problems.									
ENT	ISE	ISE	7730	Optimization Engineering Systems II - Swarm Optimization	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on ant colony and swarm optimization techniques and their applications in engineering optimization problems. The topics include ant colony optimization, sawrm optimization and Bee Algorithms and their application in manufacturing, service industry, and other engineering optimization problems.									
ENT	ISE	ISE	7730	Optimization Engineering Systems II - Swarm Optimization	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on ant colony and swarm optimization techniques and their applications in engineering optimization problems. The topics include ant colony optimization, sawrm optimization and Bee Algorithms and their application in manufacturing, service industry, and other engineering optimization problems.									
ENT	ISE	ISE	8900	Special Topics in Industrial and Systems Engineering	LEC	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Content and structure will be determined at the discretion of the instructor. Examples include artificial neural networks in manufacturing, artificial intelligence in manufacturing system design, advanced manufacturing database architecture, and evolutionary computation in job shop scheduling.									
ENT	ISE	ISE	8900	Special Topics in Industrial and Systems Engineering	LEC	LE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Content and structure will be determined at the discretion of the instructor. Examples include artificial neural networks in manufacturing, artificial intelligence in manufacturing system design, advanced manufacturing database architecture, and evolutionary computation in job shop scheduling.									
ENT	ISE	ISE	8930	Independent Study in Industrial and Systems Engineering	IND	EL	1 to 6	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve advanced readings, lectures and presentations.									
ENT	ISE	ISE	8930	Independent Study in Industrial and Systems Engineering	IND	IS	1 to 6	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve advanced readings, lectures and presentations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ENE	1010	Introduction to Energy Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose of this course is to provide the student with an understanding of Energy Engineering degree requirements, an appreciation of energy engineering profession, and develop their leadership potential through engagement in developmental activities.									
ENT	ME	ENE	1800	Energy Engineering Colloquium IA	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to engineering drawings including process flow diagrams and mechanical/electrical schematics.									
ENT	ME	ENE	1800	Energy Engineering Colloquium IA	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to engineering drawings including process flow diagrams and mechanical/electrical schematics.									
ENT	ME	ENE	1810	Energy Engineering Colloquium IB	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ET 1800						
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to energy conversion processes including fossil, biomass, and renewable based processes.									
ENT	ME	ENE	1810	Energy Engineering Colloquium IB	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ET 1800						
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to energy conversion processes including fossil, biomass, and renewable based processes.									
ENT	ME	ENE	3400	Fuels Conversion	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 1510 and ET 3200 and (MATH 3400 or concurrent)						
		COURSE DESC:		Applications of chemistry, physics, energy/mass balances, kinetics, and life cycle analyses toward the generation, distribution, and conversion of infrastructure fuels. Topics covered include conversion of solid, liquid, and gas phase fuels from fossil and renewable sources.									
ENT	ME	ENE	3400	Fuels Conversion	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CHEM 1510 and ET 3200 and (MATH 3400 or concurrent)						
		COURSE DESC:		Applications of chemistry, physics, energy/mass balances, kinetics, and life cycle analyses toward the generation, distribution, and conversion of infrastructure fuels. Topics covered include conversion of solid, liquid, and gas phase fuels from fossil and renewable sources.									
ENT	ME	ENE	3810	Energy Engineering Colloquium IIA	SEM	EL	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ET 1810						
		COURSE DESC:		Bi-weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	ENE	3810	Energy Engineering Colloquium IIA	SEM	SE	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ET 1810						
		COURSE DESC:		Bi-weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	ENE	3820	Energy Engineering Colloquium IIB	SEM	SE	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	ENE 3810						
		COURSE DESC:		Weekly seminars and activities with the overall goal of making connections between the students' current experience of the energy engineering program and the practice of engineering.									
ENT	ME	ENE	4100	Energy Engineering Senior Design I	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(ET 3300 and 3400) and EE 4523 and ME 4350						
		COURSE DESC:		This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.									
ENT	ME	ENE	4100	Energy Engineering Senior Design I	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(ET 3300 and 3400) and EE 4523 and ME 4350						
		COURSE DESC:		This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ENE	4100	Energy Engineering Senior Design I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ET 3300 and 3400) and EE 4523 and ME 4350									
				This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.									
ENT	ME	ENE	4110	Energy Engineering Senior Design II	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENE 4100 and Sr									
				This course is a continuation of EnE 4100 and must be taken in the semester following the successful completion of EnE 4100. This course completes the two course sequence that provides a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ENE	4110	Energy Engineering Senior Design II	LEC	EL	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENE 4100 and Sr									
				This course is a continuation of EnE 4100 and must be taken in the semester following the successful completion of EnE 4100. This course completes the two course sequence that provides a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ENE	4110	Energy Engineering Senior Design II	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENE 4100 and Sr									
				This course is a continuation of EnE 4100 and must be taken in the semester following the successful completion of EnE 4100. This course completes the two course sequence that provides a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ENE	4500	Energy Conversion Laboratory	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 4100									
				Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	ENE	4500	Energy Conversion Laboratory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 4100									
				Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	ENE	4500	Energy Conversion Laboratory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ET 4100									
				Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	ME	1010	Mechanical Engineering - Gateway Course	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Gateway course introduces students to the culture and problem solving methods of the mechanical engineering profession. Student teams will work cooperatively with teams of senior ME students on topics of interest to both. Introduction to use of numerical modeling and graphical representation in engineering problem solving. Introduction to professional ethics.									
ENT	ME	ME	1010	Mechanical Engineering - Gateway Course	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Gateway course introduces students to the culture and problem solving methods of the mechanical engineering profession. Student teams will work cooperatively with teams of senior ME students on topics of interest to both. Introduction to use of numerical modeling and graphical representation in engineering problem solving. Introduction to professional ethics.									
ENT	ME	ME	1800	Mechanical Engineering Colloquium I	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: ME 1010									
				CR									
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	ME	1800	Mechanical Engineering Colloquium I	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE: ME 1010									
				CR									
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	2800	Mechanical Engineering Colloquium II	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 1800									
		COURSE DESC:		CR Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	ME	2800	Mechanical Engineering Colloquium II	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 1800									
		COURSE DESC:		CR Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	ME	2900	Special Topics in Mechanical Engineering	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
ENT	ME	ME	2900	Special Topics in Mechanical Engineering	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
ENT	ME	ME	3011	Kinematics and Dynamics of Machines	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better ET 2240									
		COURSE DESC:		Analytical and graphical solutions of kinematic and dynamic motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc. Modeling and characteristic phenomena of 1 degree of freedom mechanical vibrations encountered in machines and structures.									
ENT	ME	ME	3011	Kinematics and Dynamics of Machines	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better ET 2240									
		COURSE DESC:		Analytical and graphical solutions of kinematic and dynamic motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc. Modeling and characteristic phenomena of 1 degree of freedom mechanical vibrations encountered in machines and structures.									
ENT	ME	ME	3012	Linear Systems Analysis and Control	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3011 and MATH 3400									
		COURSE DESC:		Modeling and formulations of physical systems. Transient and steady-state dynamic responses, and other fundamental theory of automatic controls and applications.									
ENT	ME	ME	3012	Linear Systems Analysis and Control	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3011 and MATH 3400									
		COURSE DESC:		Modeling and formulations of physical systems. Transient and steady-state dynamic responses, and other fundamental theory of automatic controls and applications.									
ENT	ME	ME	3022	Heat and Fluid Transport I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 or concurrent									
		COURSE DESC:		First course in the study of heat and fluid transport, focusing on fundamental fluid mechanics topics for mechanical engineers.									
ENT	ME	ME	3022	Heat and Fluid Transport I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 or concurrent									
		COURSE DESC:		First course in the study of heat and fluid transport, focusing on fundamental fluid mechanics topics for mechanical engineers.									
ENT	ME	ME	3122	Heat and Fluid Transport II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and ME 3121									
		COURSE DESC:		Basic concepts of fluid flow and heat transfer in one or more dimensions, steady and transient modes. Conduction, convection and radiation, fundamentals in various modes. Mechanics of viscous and non-viscous flow. Similitude. Principles of lift and drag.									
ENT	ME	ME	3122	Heat and Fluid Transport II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and ME 3121									
		COURSE DESC:		Basic concepts of fluid flow and heat transfer in one or more dimensions, steady and transient modes. Conduction, convection and radiation, fundamentals in various modes. Mechanics of viscous and non-viscous flow. Similitude. Principles of lift and drag.									
ENT	ME	ME	3140	Introduction to Manufacturing Processes	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		Introduction to applied statistics in manufacturing. Interrelationship between process, design, materials and mechanical properties. Introduction to major metal manufacturing processes: casting, rolling, forging, extrusion, drawing, machining, powder metallurgy and heat treating. Analysis of forces, energy requirements, and temperatures. Polymers and processing.									
ENT	ME	ME	3140	Introduction to Manufacturing Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		Introduction to applied statistics in manufacturing. Interrelationship between process, design, materials and mechanical properties. Introduction to major metal manufacturing processes: casting, rolling, forging, extrusion, drawing, machining, powder metallurgy and heat treating. Analysis of forces, energy requirements, and temperatures. Polymers and processing.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	3510	Computer Aided Design	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ET 1100 and 2220 and MATH 3200 and Soph or higher									
		COURSE DESC:		A detailed study of the use of computer-aided design tools in the engineering design process with a focus on solid modeling and finite element analysis. Technical writing instruction regarding design reports. Team design project that emphasizes proper use of CAD tools, documented in a formal design report.									
ENT	ME	ME	3510	Computer Aided Design	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ET 1100 and 2220 and MATH 3200 and Soph or higher									
		COURSE DESC:		A detailed study of the use of computer-aided design tools in the engineering design process with a focus on solid modeling and finite element analysis. Technical writing instruction regarding design reports. Team design project that emphasizes proper use of CAD tools, documented in a formal design report.									
ENT	ME	ME	3700	Machine Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220									
		COURSE DESC:		A detailed study of the design and use of machine elements, including screws and fasteners, shafts and associated parts, bearing, gears, and other power transmission components. Team design project.									
ENT	ME	ME	3700	Machine Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220									
		COURSE DESC:		A detailed study of the design and use of machine elements, including screws and fasteners, shafts and associated parts, bearing, gears, and other power transmission components. Team design project.									
ENT	ME	ME	3800	Mechanical Engineering Colloquium III	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 2800									
		COURSE DESC:		CR Weekly seminars presented by engineers from industry and faculty researchers focusing on engineering opportunities and interactions with career services and seniors in the capstone design project.									
ENT	ME	ME	3800	Mechanical Engineering Colloquium III	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 2800									
		COURSE DESC:		CR Weekly seminars presented by engineers from industry and faculty researchers focusing on engineering opportunities and interactions with career services and seniors in the capstone design project.									
ENT	ME	ME	4060	Analysis and Design of Mechanisms	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3012									
		COURSE DESC:		Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	ME	4060	Analysis and Design of Mechanisms	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3012									
		COURSE DESC:		Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	ME	4070	Fundamentals of Nuclear Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and ME 3122									
		COURSE DESC:		Nuclear engineering, including nuclear reactions, radiation detection and measurement, reactor criticality, principles of reactor control, radiation shielding, effects of radiation of materials, uses of radioactive materials.									
ENT	ME	ME	4070	Fundamentals of Nuclear Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and ME 3122									
		COURSE DESC:		Nuclear engineering, including nuclear reactions, radiation detection and measurement, reactor criticality, principles of reactor control, radiation shielding, effects of radiation of materials, uses of radioactive materials.									
ENT	ME	ME	4110	Principles of Heating, Venting, Air Conditioning and Refrigeration	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Description and evaluation of heating, air conditioning, refrigeration and total-energy systems employed to provide thermal environments for buildings ranging in scope from residences to integrated commercial, apartment, or industrial complexes. Covers human comfort, psychometrics, load analysis, techniques, equipment, and controls.									
ENT	ME	ME	4110	Principles of Heating, Venting, Air Conditioning and Refrigeration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Description and evaluation of heating, air conditioning, refrigeration and total-energy systems employed to provide thermal environments for buildings ranging in scope from residences to integrated commercial, apartment, or industrial complexes. Covers human comfort, psychometrics, load analysis, techniques, equipment, and controls.									
ENT	ME	ME	4130	Conduction, Convection, and Radiation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and (MATH 4600 or ME 4970)									
		COURSE DESC:		Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									

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ENT	ME	ME	4130	Conduction, Convection, and Radiation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and (MATH 4600 or ME 4970)									
		COURSE DESC:		Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									
ENT	ME	ME	4141	Mechanics of Composite Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		An introductory course on mechanics of composite materials and their applications. Includes micro and macromechanics, design, failure analysis, optimization, and finite element analysis of fiber reinforced polymer composite materials. Experimental techniques for characterizing and testing composite materials, basic manufacturing processes, and repair techniques for damaged composite structures are also covered.									
ENT	ME	ME	4160	Combustion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and 4210									
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	ME	4160	Combustion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and 4210									
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	ME	4170	Design of Thermal Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	ME	4170	Design of Thermal Systems	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	ME	4210	Applied Thermal Systems Design and Analysis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and C or better in ET 3200									
		COURSE DESC:		Applied thermal systems, power cycles, combustion and refrigeration. Applied fluids, pumps and flow measurements. Heat exchangers.									
ENT	ME	ME	4210	Applied Thermal Systems Design and Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122 and C or better in ET 3200									
		COURSE DESC:		Applied thermal systems, power cycles, combustion and refrigeration. Applied fluids, pumps and flow measurements. Heat exchangers.									
ENT	ME	ME	4220	Stirling Cycle Machine Analysis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and ME 3122 and 4210									
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	ME	4220	Stirling Cycle Machine Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3600 and ME 3122 and 4210									
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	ME	4230	Fuel Cell Analysis, Design, and Development	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510 and ET 3200									
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	ME	4230	Fuel Cell Analysis, Design, and Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510 and ET 3200									
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	ME	4270	Power Station Engineering	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									
ENT	ME	ME	4270	Power Station Engineering	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4290	Mechanics and Control of Robotic Manipulators	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Classification and applications for mechanical manipulator systems. Manipulator motion description, forward kinematics transformations, and solution of inverse kinematics equations. Velocity kinematics and manipulator dynamics equations. Trajectory generation and control schemes including sensory feedback. Laboratory exercises to augment lecture material.									
ENT	ME	ME	4310	Atmospheric Pollution Control	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and (CHE 3400 or ME 3121)									
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	ME	4310	Atmospheric Pollution Control	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and (CHE 3400 or ME 3121)									
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	ME	4320	Analysis and Simulation of Transport Processes	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	ME	4320	Analysis and Simulation of Transport Processes	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	ME	4340	Fundamentals of Aerosol Behavior	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and ME 3122									
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	ME	4340	Fundamentals of Aerosol Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and ME 3122									
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	ME	4350	Energy Engineering and Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510 and ET 3200									
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	ME	4350	Energy Engineering and Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1510 and ET 3200									
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	ME	4400	Direct Energy Conversion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200									
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									
ENT	ME	ME	4400	Direct Energy Conversion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200									
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									
ENT	ME	ME	4460	Potential Flow Theory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122									
		COURSE DESC:		Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.									
ENT	ME	ME	4460	Potential Flow Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122									
		COURSE DESC:		Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.									
ENT	ME	ME	4470	Viscous Flow Theory	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122									
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4470	Viscous Flow Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3122									
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									
ENT	ME	ME	4550	Mechatronics I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 3143 and ME 3012									
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	4550	Mechatronics I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 3143 and ME 3012									
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	4550	Mechatronics I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EE 3143 and ME 3012									
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	4620	Mechanics of Metal Forming	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		The basic theory of plasticity and its application to manufacturing processes. Classical techniques in metal working analysis, such as Slip Line Field, Upper Bound and Slab analyses. Review and analysis of forging, extrusion, rolling, drawing, sheet metal forming, etc. Concepts of work in metal deformation. Deformation zone geometry and its implications on properties and defects. Friction and lubrication in metal working. Temperature effects.									
ENT	ME	ME	4620	Mechanics of Metal Forming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		The basic theory of plasticity and its application to manufacturing processes. Classical techniques in metal working analysis, such as Slip Line Field, Upper Bound and Slab analyses. Review and analysis of forging, extrusion, rolling, drawing, sheet metal forming, etc. Concepts of work in metal deformation. Deformation zone geometry and its implications on properties and defects. Friction and lubrication in metal working. Temperature effects.									
ENT	ME	ME	4630	Mechanics of Materials	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		Mechanical properties of materials. Stress and strain tensors. Basic elasticity, plasticity, fatigue behavior and fracture mechanics. Single crystal deformation and dislocation theory. Strengthening mechanisms. Constitutive equations.									
ENT	ME	ME	4630	Mechanics of Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and 2300									
		COURSE DESC:		Mechanical properties of materials. Stress and strain tensors. Basic elasticity, plasticity, fatigue behavior and fracture mechanics. Single crystal deformation and dislocation theory. Strengthening mechanisms. Constitutive equations.									
ENT	ME	ME	4650	Introduction to Composite Materials	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and ET 2300									
		COURSE DESC:		Introductory course in composite materials. The course will cover the properties, manufacture, design and applications of composites; and students will be introduced to composite processing methods.									
ENT	ME	ME	4650	Introduction to Composite Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and ET 2300									
		COURSE DESC:		Introductory course in composite materials. The course will cover the properties, manufacture, design and applications of composites; and students will be introduced to composite processing methods.									
ENT	ME	ME	4660	Mechanics of Biological Solids	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220									
		COURSE DESC:		Structure and functional properties of connective tissue. Techniques for determining the mechanical response of biological soft and hard tissues. Includes static, viscoelastic, creep, fatigue and fracture. Simplified models of biological structures. Creation of geometric models from medical imaging and computational modeling. Specific topics may include bone, cartilage, ligaments, tendon, teeth, and skin.									
ENT	ME	ME	4660	Mechanics of Biological Solids	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220									
		COURSE DESC:		Structure and functional properties of connective tissue. Techniques for determining the mechanical response of biological soft and hard tissues. Includes static, viscoelastic, creep, fatigue and fracture. Simplified models of biological structures. Creation of geometric models from medical imaging and computational modeling. Specific topics may include bone, cartilage, ligaments, tendon, teeth, and skin.									
ENT	ME	ME	4670	Engineering Biomechanics of Human Motion	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or 252									
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4670	Engineering Biomechanics of Human Motion	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or 252									
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									
ENT	ME	ME	4690	Introduction to Nanomaterials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2300									
		COURSE DESC:		This course provides a basic yet broad understanding of the principles of nanotechnology and nanoscale materials. The course discusses the scale effects, relevance of nanomaterials in several engineering disciplines, synthesis and characterization techniques available at the nanoscale, and the wide range of applications possible with engineered nanomaterials.									
ENT	ME	ME	4701	Mechanical Engineering Capstone Design I	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent									
		COURSE DESC:		This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ME 4701 and 4702 must be taken consecutively.									
ENT	ME	ME	4701	Mechanical Engineering Capstone Design I	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent									
		COURSE DESC:		This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ME 4701 and 4702 must be taken consecutively.									
ENT	ME	ME	4701	Mechanical Engineering Capstone Design I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent									
		COURSE DESC:		This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ME 4701 and 4702 must be taken consecutively.									
ENT	ME	ME	4702	Mechanical Engineering Capstone Design II	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4701 and Sr only									
		COURSE DESC:		Continuation of ME 4701 and must be taken in the semester following the successful completion of ME 4701. Completes the two-course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ME	4702	Mechanical Engineering Capstone Design II	LEC	EL	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4701 and Sr only									
		COURSE DESC:		Continuation of ME 4701 and must be taken in the semester following the successful completion of ME 4701. Completes the two-course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ME	4702	Mechanical Engineering Capstone Design II	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4701 and Sr only									
		COURSE DESC:		Continuation of ME 4701 and must be taken in the semester following the successful completion of ME 4701. Completes the two-course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	ME	4740	Advanced Machine Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3700									
		COURSE DESC:		Advanced considerations in design and analysis of machine members, strength under combined stress, thermal stress, fatigue in metals, and design using plastics.									
ENT	ME	ME	4740	Advanced Machine Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3700									
		COURSE DESC:		Advanced considerations in design and analysis of machine members, strength under combined stress, thermal stress, fatigue in metals, and design using plastics.									
ENT	ME	ME	4750	Solar Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200									
		COURSE DESC:		Introduction to theoretical principles and practical design aspects of solar energy systems. Topics covered include principles of radiation; heating load computation; air and liquid, flat-plate collectors; concentrating collectors; energy storage; photovoltaic conversion; economic analysis.									
ENT	ME	ME	4750	Solar Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200									
		COURSE DESC:		Introduction to theoretical principles and practical design aspects of solar energy systems. Topics covered include principles of radiation; heating load computation; air and liquid, flat-plate collectors; concentrating collectors; energy storage; photovoltaic conversion; economic analysis.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4760	Automotive Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 3700 COURSE DESC: Overview of automotive engineering, including modeling, simulation, design, and testing of land vehicle systems with emphasis on performance, safety, fuel economy, and emissions. Broad exposure to all topics through case studies.	LEC	EL	3	0		N	U30		0
ENT	ME	ME	4760	Automotive Engineering ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 3700 COURSE DESC: Overview of automotive engineering, including modeling, simulation, design, and testing of land vehicle systems with emphasis on performance, safety, fuel economy, and emissions. Broad exposure to all topics through case studies.	LEC	LE	3	0		N	U30		0
ENT	ME	ME	4770	Vehicle Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: PHYS 2051 COURSE DESC: Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.	LEC	EL	3	0		N	U30		0
ENT	ME	ME	4770	Vehicle Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: PHYS 2051 COURSE DESC: Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.	LEC	LE	3	0		N	U30		0
ENT	ME	ME	4780	Missiles guidance systems and rocket design ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 3012 and 3022 COURSE DESC: This course covers the history, analysis, flight mechanics, and design of modern rockets and missiles. A historical perspective of the significance and design practices used to develop rockets and missiles are explored. Each of the five major rocket and missile components are discussed and analyzed separately and then combined to form a flight system. Mechanics of flight and basic aerodynamics are covered in order to develop a six degree of freedom flight simulator. A final project occurs to allow exploration of a design and simulation of a full rocket delivering a payload or a tracking missile.	LEC	LE	3	0		N	U30		0
ENT	ME	ME	4800	Mechanical Engineering Colloquium IV ELIGIBLE GRADES: GEC3: A-F, REQUISITE: ME 3800 CR COURSE DESC: Last in a series of ME colloquia which engage students in career exploration, physical demonstrations, and research seminars. Activities to develop professional skills and technical communication skills are emphasized. Requires demonstration of satisfactory oral presentation skills.	LEC	EL	1	0		N	U30		0
ENT	ME	ME	4800	Mechanical Engineering Colloquium IV ELIGIBLE GRADES: GEC3: A-F, REQUISITE: ME 3800 CR COURSE DESC: Last in a series of ME colloquia which engage students in career exploration, physical demonstrations, and research seminars. Activities to develop professional skills and technical communication skills are emphasized. Requires demonstration of satisfactory oral presentation skills.	LEC	LE	1	0		N	U30		0
ENT	ME	ME	4880	Experimental Design Lab ELIGIBLE GRADES: GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ISE 3200 and ME 4701 and Soph or higher COURSE DESC: Learn the use of basic lab equipment while constructing and testing measurement systems. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. Design and conduct experiments that support capstone mechanical design projects. Instruction provided on error analysis and the creation and editing of formal lab reports. Write multiple lab reports in executive summary style, and one formal lab report.	LAB	LB	3	0	1JE	N	U30		0
ENT	ME	ME	4880	Experimental Design Lab ELIGIBLE GRADES: GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ISE 3200 and ME 4701 and Soph or higher COURSE DESC: Learn the use of basic lab equipment while constructing and testing measurement systems. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. Design and conduct experiments that support capstone mechanical design projects. Instruction provided on error analysis and the creation and editing of formal lab reports. Write multiple lab reports in executive summary style, and one formal lab report.	LEC	LE	3	0	1JE	N	U30		0
ENT	ME	ME	4900	Special Topics in Mechanical Engineering ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
ENT	ME	ME	4900	Special Topics in Mechanical Engineering ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
ENT	ME	ME	4910	Mechanical Engineering Project ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR COURSE DESC: Project course to allow students to receive credit for relevant, non-duplicative, credit-worthy work on extracurricular engineering projects under the mentorship of a qualified faculty member. Projects are expected to include construction of a working model, development of a validated simulation, or some equivalent end product.	INT	IN	1 to 3	3		I	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4930	Special Investigation	IND	EL	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		An opportunity for faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	ME	4930	Special Investigation	IND	IS	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		An opportunity for faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	ME	4950	Introduction to Kinetic Theory and Statistical Thermodynamics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Kinetic theory, classical and quantum statistical mechanics with applications to engineering devices.									
ENT	ME	ME	4950	Introduction to Kinetic Theory and Statistical Thermodynamics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4210									
		COURSE DESC:		Kinetic theory, classical and quantum statistical mechanics with applications to engineering devices.									
ENT	ME	ME	4960	Experimental Methods in Design	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4880									
		COURSE DESC:		Investigation and evaluation of experimental methods that may be used to obtain design and performance data. Probability, statistics, and principles of design of experiments (DOE) with application to thermo-mechanical experiments.									
ENT	ME	ME	4960	Experimental Methods in Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 4880									
		COURSE DESC:		Investigation and evaluation of experimental methods that may be used to obtain design and performance data. Probability, statistics, and principles of design of experiments (DOE) with application to thermo-mechanical experiments.									
ENT	ME	ME	4970	Methods of Engineering Analysis	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400									
		COURSE DESC:		Analysis of ordinary and partial differential equations for engineering systems, Fourier series, Bessel Functions, eigenvalue problems, matrices; probability and statistics.									
ENT	ME	ME	4970	Methods of Engineering Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400									
		COURSE DESC:		Analysis of ordinary and partial differential equations for engineering systems, Fourier series, Bessel Functions, eigenvalue problems, matrices; probability and statistics.									
ENT	ME	ME	5060	Analysis and Design of Mechanisms	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	ME	5060	Analysis and Design of Mechanisms	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	ME	5070	Fundamentals of Nuclear Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nuclear engineering, including nuclear reactions, radiation detection and measurement, reactor criticality, principles of reactor control, radiation shielding, effects of radiation of materials, uses of radioactive materials.									
ENT	ME	ME	5070	Fundamentals of Nuclear Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nuclear engineering, including nuclear reactions, radiation detection and measurement, reactor criticality, principles of reactor control, radiation shielding, effects of radiation of materials, uses of radioactive materials.									
ENT	ME	ME	5110	Principles of Heating, Venting, Air Conditioning and Refrigeration	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Description and evaluation of heating, air conditioning, refrigeration and total-energy systems employed to provide thermal environments for buildings ranging in scope from residences to integrated commercial, apartment, or industrial complexes. Covers human comfort, psychometrics, load analysis, techniques, equipment, and controls.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5110	Principles of Heating, Venting, Air Conditioning and Refrigeration	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Description and evaluation of heating, air conditioning, refrigeration and total-energy systems employed to provide thermal environments for buildings ranging in scope from residences to integrated commercial, apartment, or industrial complexes. Covers human comfort, psychometrics, load analysis, techniques, equipment, and controls.									
ENT	ME	ME	5130	Conduction, Convection, and Radiation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 6970									
		COURSE DESC:		Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									
ENT	ME	ME	5130	Conduction, Convection, and Radiation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 6970									
		COURSE DESC:		Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									
ENT	ME	ME	5141	Mechanics of Composite Materials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introductory course on mechanics of composite materials and their applications. Includes micro and macromechanics, design, failure analysis, optimization, and finite element analysis of fiber reinforced polymer composite materials. Experimental techniques for characterizing and testing composite materials, basic manufacturing processes, and repair techniques for damaged composite structures are also covered.									
ENT	ME	ME	5160	Combustion	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	ME	5160	Combustion	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	ME	5170	Design of Thermal Systems	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	ME	5170	Design of Thermal Systems	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	ME	5220	Stirling Cycle Machine Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	ME	5220	Stirling Cycle Machine Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	ME	5230	Fuel Cell Analysis, Design, and Development	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	ME	5230	Fuel Cell Analysis, Design, and Development	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	ME	5270	Power Station Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									
ENT	ME	ME	5270	Power Station Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5290	Mechanics and Control of Robotic Manipulators	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Classification and applications for mechanical manipulator systems. Manipulator motion description, forward kinematics transformations, and solution of inverse kinematics equations. Velocity kinematics and manipulator dynamics equations. Trajectory generation and control schemes including sensory feedback. Laboratory exercises to augment lecture material.									
ENT	ME	ME	5310	Atmospheric Pollution Control	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	ME	5310	Atmospheric Pollution Control	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	ME	5320	Analysis and Simulation of Transport Processes	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	ME	5320	Analysis and Simulation of Transport Processes	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	ME	5340	Fundamentals of Aerosol Behavior	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	ME	5340	Fundamentals of Aerosol Behavior	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	ME	5350	Energy Engineering and Management	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	ME	5350	Energy Engineering and Management	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	ME	5400	Direct Energy Conversion	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									
ENT	ME	ME	5400	Direct Energy Conversion	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									
ENT	ME	ME	5460	Potential Flow Theory	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.									
ENT	ME	ME	5460	Potential Flow Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.									
ENT	ME	ME	5470	Viscous Flow Theory	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5470	Viscous Flow Theory	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									
ENT	ME	ME	5550	Mechatronics I	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	5550	Mechatronics I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	5550	Mechatronics I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.									
ENT	ME	ME	5620	Mechanics of Metal Forming	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The basic theory of plasticity and its application to manufacturing processes. Classical techniques in metal working analysis, such as Slip Line Field, Upper Bound and Slab analyses. Review and analysis of forging, extrusion, rolling, drawing, sheet metal forming, etc. Concepts of work in metal deformation. Deformation zone geometry and its implications on properties and defects. Friction and lubrication in metal working. Temperature effects.									
ENT	ME	ME	5620	Mechanics of Metal Forming	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The basic theory of plasticity and its application to manufacturing processes. Classical techniques in metal working analysis, such as Slip Line Field, Upper Bound and Slab analyses. Review and analysis of forging, extrusion, rolling, drawing, sheet metal forming, etc. Concepts of work in metal deformation. Deformation zone geometry and its implications on properties and defects. Friction and lubrication in metal working. Temperature effects.									
ENT	ME	ME	5630	Mechanics of Materials	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Mechanical properties of materials. Stress and strain tensors. Basic elasticity, plasticity, fatigue behavior and fracture mechanics. Single crystal deformation and dislocation theory. Strengthening mechanisms. Constitutive equations.									
ENT	ME	ME	5630	Mechanics of Materials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Mechanical properties of materials. Stress and strain tensors. Basic elasticity, plasticity, fatigue behavior and fracture mechanics. Single crystal deformation and dislocation theory. Strengthening mechanisms. Constitutive equations.									
ENT	ME	ME	5650	Introduction to Composite Materials	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introductory course in composite materials. The course will cover the properties, manufacture, design and applications of composites; and students will be introduced to composite processing methods.									
ENT	ME	ME	5650	Introduction to Composite Materials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introductory course in composite materials. The course will cover the properties, manufacture, design and applications of composites; and students will be introduced to composite processing methods.									
ENT	ME	ME	5660	Mechanics of Biological Solids	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Structure and functional properties of connective tissue. Techniques for determining the mechanical response of biological soft and hard tissues. Includes static, viscoelastic, creep, fatigue and fracture. Simplified models of biological structures. Creation of geometric models from medical imaging and computational modeling. Specific topics may include bone, cartilage, ligaments, tendon, teeth, and skin.									
ENT	ME	ME	5660	Mechanics of Biological Solids	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Structure and functional properties of connective tissue. Techniques for determining the mechanical response of biological soft and hard tissues. Includes static, viscoelastic, creep, fatigue and fracture. Simplified models of biological structures. Creation of geometric models from medical imaging and computational modeling. Specific topics may include bone, cartilage, ligaments, tendon, teeth, and skin.									
ENT	ME	ME	5690	Introduction to Nanomaterials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides a basic yet broad understanding of the principles of nanotechnology and nanoscale materials. The course discusses the scale effects, relevance of nanomaterials in several engineering disciplines, synthesis and characterization techniques available at the nanoscale, and the wide range of applications possible with engineered nanomaterials.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5740	Advanced Machine Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced considerations in design and analysis of machine members, strength under combined stress, thermal stress, fatigue in metals, and design using plastics.									
ENT	ME	ME	5740	Advanced Machine Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Advanced considerations in design and analysis of machine members, strength under combined stress, thermal stress, fatigue in metals, and design using plastics.									
ENT	ME	ME	5750	Solar Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to theoretical principles and practical design aspects of solar energy systems. Topics covered include principles of radiation; heating load computation; air and liquid, flat-plate collectors; concentrating collectors; energy storage; photovoltaic conversion; economic analysis.									
ENT	ME	ME	5750	Solar Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to theoretical principles and practical design aspects of solar energy systems. Topics covered include principles of radiation; heating load computation; air and liquid, flat-plate collectors; concentrating collectors; energy storage; photovoltaic conversion; economic analysis.									
ENT	ME	ME	5760	Automotive Engineering	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of automotive engineering, including modeling, simulation, design, and testing of land vehicle systems with emphasis on performance, safety, fuel economy, and emissions. Broad exposure to all topics through case studies.									
ENT	ME	ME	5760	Automotive Engineering	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of automotive engineering, including modeling, simulation, design, and testing of land vehicle systems with emphasis on performance, safety, fuel economy, and emissions. Broad exposure to all topics through case studies.									
ENT	ME	ME	5770	Vehicle Systems Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	ME	5770	Vehicle Systems Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	ME	5780	Missiles guidance systems and rocket design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course covers the history, analysis, flight mechanics, and design of modern rockets and missiles. A historical perspective of the significance and design practices used to develop rockets and missiles are explored. Each of the five major rocket and missile components are discussed and analyzed separately and then combined to form a flight system. Mechanics of flight and basic aerodynamics are covered in order to develop a six degree of freedom flight simulator. A final project occurs to allow exploration of a design and simulation of a full rocket delivering a payload or a tracking missile.									
ENT	ME	ME	5800	Graduate Colloquium	SEM	EL	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR									
				An open graduate colloquium for discussion of research topics, as well as possible future areas of interest. Guest speakers, faculty, and graduate students present results of their research with discussions moderated by the speakers.									
ENT	ME	ME	5800	Graduate Colloquium	SEM	SE	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR									
				An open graduate colloquium for discussion of research topics, as well as possible future areas of interest. Guest speakers, faculty, and graduate students present results of their research with discussions moderated by the speakers.									
ENT	ME	ME	5900	Special Topics in Mechanical Engineering	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR									
				Specific course content will vary with offering.									

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SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5900	Special Topics in Mechanical Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
ENT	ME	ME	5930	Special Investigation	IND	EL	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR An opportunity for graduate faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	ME	5930	Special Investigation	IND	IS	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR An opportunity for graduate faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	ME	5950	Introduction to Kinetic Theory and Statistical Thermodynamics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Kinetic theory, classical and quantum statistical mechanics with applications to engineering devices.									
ENT	ME	ME	5950	Introduction to Kinetic Theory and Statistical Thermodynamics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Kinetic theory, classical and quantum statistical mechanics with applications to engineering devices.									
ENT	ME	ME	5960	Experimental Methods in Design	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Investigation and evaluation of experimental methods that may be used to obtain design and performance data. Probability, statistics, and principles of design of experiments (DOE) with application to thermo-mechanical experiments.									
ENT	ME	ME	5960	Experimental Methods in Design	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Investigation and evaluation of experimental methods that may be used to obtain design and performance data. Probability, statistics, and principles of design of experiments (DOE) with application to thermo-mechanical experiments.									
ENT	ME	ME	6010	Advanced System Analysis and Control	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The application of modern control theories to the synthesis of dynamical systems. Topics include the analysis of the behavior of linear systems, controllability and observability. Synthesis in the eigenvalue domain: modal control. Synthesis of stable systems and optimal linear systems in the time domain.									
ENT	ME	ME	6010	Advanced System Analysis and Control	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The application of modern control theories to the synthesis of dynamical systems. Topics include the analysis of the behavior of linear systems, controllability and observability. Synthesis in the eigenvalue domain: modal control. Synthesis of stable systems and optimal linear systems in the time domain.									
ENT	ME	ME	6040	Mechanics and Control of Multi-Degree-of-Freedom-Systems	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Techniques of analysis and design of multi-degree-of-freedom planar and spatial mechanical systems: kinematic structure, coordinate transformations, inverse solutions, workspace, path selection, dynamics, and control. Kinematically-redundant, mobile, parallel, and humanoid robots.									
ENT	ME	ME	6040	Mechanics and Control of Multi-Degree-of-Freedom-Systems	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Techniques of analysis and design of multi-degree-of-freedom planar and spatial mechanical systems: kinematic structure, coordinate transformations, inverse solutions, workspace, path selection, dynamics, and control. Kinematically-redundant, mobile, parallel, and humanoid robots.									
ENT	ME	ME	6050	Intermediate Dynamics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Review of Newtonian mechanics, fundamental concepts of analytical mechanics, partial differentiation of vector functions in a reference frame, configuration constraints, inertia scalars, vectors, matrices, and principal moments of inertia, Lagrange's equations, and rigid-body dynamics.									
ENT	ME	ME	6050	Intermediate Dynamics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Review of Newtonian mechanics, fundamental concepts of analytical mechanics, partial differentiation of vector functions in a reference frame, configuration constraints, inertia scalars, vectors, matrices, and principal moments of inertia, Lagrange's equations, and rigid-body dynamics.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	6100	Advanced Vibrations Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 6970									
		COURSE DESC:		Short overview of vibrations of a multi-degree-of-freedom lumped-mass system followed by vibrations of continuous systems such as bars, beams, membranes and plates, using exact and approximate methods of solution, such as Rayleigh-Ritz, Galerkin and other variational approaches. Some elements of non-linear vibrations.									
ENT	ME	ME	6100	Advanced Vibrations Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 6970									
		COURSE DESC:		Short overview of vibrations of a multi-degree-of-freedom lumped-mass system followed by vibrations of continuous systems such as bars, beams, membranes and plates, using exact and approximate methods of solution, such as Rayleigh-Ritz, Galerkin and other variational approaches. Some elements of non-linear vibrations.									
ENT	ME	ME	6150	Thermal Stress Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5630									
		COURSE DESC:		Thermal stresses developed in machine and structural components. Procedures for solving stress problems associated with elevated temperatures in such components as tubes, rods, and plates as encountered in nuclear reactors, engines, and aircraft and missile structures.									
ENT	ME	ME	6150	Thermal Stress Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5630									
		COURSE DESC:		Thermal stresses developed in machine and structural components. Procedures for solving stress problems associated with elevated temperatures in such components as tubes, rods, and plates as encountered in nuclear reactors, engines, and aircraft and missile structures.									
ENT	ME	ME	6500	Advanced Engineering Mathematics I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will focus on analytical solutions to linear Partial Differential Equations (PDEs), with an emphasis on applications of PDEs in Engineering problems. The goal is to impart to students the excitement and usefulness of mathematics as a tool in solving real-world problems. The approach will be to look at the mathematical modeling & solution of simplified Engineering problems. The course is intended to act as a foundation course for engineering graduate students coming from a range of backgrounds, but with previous exposure to multi-variable calculus and linear constant coefficient ordinary differential equations.									
ENT	ME	ME	6570	Introduction to Finite Element Methods	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the theory, derivation, and computer implementation of finite element methods for solution of boundary value problems. Study examples from heat conduction, solid mechanics, and vibration in one-, two-, and three-dimensional geometries. This fundamental approach will give users of finite element packages a deep understanding of both the power and limitations of FE techniques as well as providing a background to accurately use FE models. It will also provide a base for more advanced users to modify existing or write their own FE code. Use a programming language such as C or Matlab.									
ENT	ME	ME	6570	Introduction to Finite Element Methods	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the theory, derivation, and computer implementation of finite element methods for solution of boundary value problems. Study examples from heat conduction, solid mechanics, and vibration in one-, two-, and three-dimensional geometries. This fundamental approach will give users of finite element packages a deep understanding of both the power and limitations of FE techniques as well as providing a background to accurately use FE models. It will also provide a base for more advanced users to modify existing or write their own FE code. Use a programming language such as C or Matlab.									
ENT	ME	ME	6630	Advanced Mechanics of Materials	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Stress/strain tensor notation. Elasticity of isotropic and anisotropic solids. Viscoelastic behavior and rubber elasticity. Work and strain energy. Elements of plasticity theory. Strain, temperature, and strain rate effects. Constitutive equations for engineering materials, including rheological models.									
ENT	ME	ME	6630	Advanced Mechanics of Materials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Stress/strain tensor notation. Elasticity of isotropic and anisotropic solids. Viscoelastic behavior and rubber elasticity. Work and strain energy. Elements of plasticity theory. Strain, temperature, and strain rate effects. Constitutive equations for engineering materials, including rheological models.									
ENT	ME	ME	6750	Mechanical Testing of Materials	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Testing and analytical considerations in destructive testing of materials. Interpretation of results and sources of errors in mechanical tests, such as hardness, tensile, compression, torsion, impact, fatigue, and fracture tests. Pressure testing of materials. Elastic and plastic stress/strain relationships in mechanical testing. Instability. Fracture.									
ENT	ME	ME	6750	Mechanical Testing of Materials	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Testing and analytical considerations in destructive testing of materials. Interpretation of results and sources of errors in mechanical tests, such as hardness, tensile, compression, torsion, impact, fatigue, and fracture tests. Pressure testing of materials. Elastic and plastic stress/strain relationships in mechanical testing. Instability. Fracture.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	6900	Special Topics in Mechanical Engineering	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	ME	6900	Special Topics in Mechanical Engineering	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	ME	6910	Graduate Internship	INT	IN	1	5		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		Supervised work-study experience in an established industrial or government environment.									
ENT	ME	ME	6940	Research	RSC	RS	1 to 12	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Independent research project under the direction of a graduate faculty advisor.									
ENT	ME	ME	6950	Thesis	THE	TH	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent research toward a thesis, under the direction of a graduate faculty member.									
ENT	ME	ME	6970	Engineering Analysis and Numerical Methods	LEC	EL	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Partial and ordinary differential equations, Fourier series, Bessel functions, eigenvalue problems, matrices; analytical and numerical solution methods. Emphasis on engineering applications.									
ENT	ME	ME	6970	Engineering Analysis and Numerical Methods	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Partial and ordinary differential equations, Fourier series, Bessel functions, eigenvalue problems, matrices; analytical and numerical solution methods. Emphasis on engineering applications.									
ENT	ME	ME	7050	Advanced Dynamics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: M E 6050									
		COURSE DESC:		Dynamical equations of motion, linearization, steady motions, and motions resembling state of rest, integrals of equations of motion, exact closed form solutions, numerical integration of differential equations of motion, determination of constraint forces and constraint torques, collisions, and small vibrations.									
ENT	ME	ME	7050	Advanced Dynamics	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: M E 6050									
		COURSE DESC:		Dynamical equations of motion, linearization, steady motions, and motions resembling state of rest, integrals of equations of motion, exact closed form solutions, numerical integration of differential equations of motion, determination of constraint forces and constraint torques, collisions, and small vibrations.									
ENT	ME	ME	7120	Advanced Heat Transfer	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5130									
		COURSE DESC:		Analysis of steady and unsteady heat problems. Formulation of general laws. Solutions using Fourier-Bessel series, Fourier-Legendre series, and approximate solutions. Matrix solution of radiation problems. Boundary layer theory.									
ENT	ME	ME	7120	Advanced Heat Transfer	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5130									
		COURSE DESC:		Analysis of steady and unsteady heat problems. Formulation of general laws. Solutions using Fourier-Bessel series, Fourier-Legendre series, and approximate solutions. Matrix solution of radiation problems. Boundary layer theory.									
ENT	ME	ME	7140	Viscous Flow and Convection Heat Transfer	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5460									
		COURSE DESC:		Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence									
ENT	ME	ME	7140	Viscous Flow and Convection Heat Transfer	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 5460									
		COURSE DESC:		Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence									
ENT	ME	ME	7200	Advanced Non-linear Finite Element Analysis	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and CE 5200 or ME 6570									
		COURSE DESC:		Advanced study in finite element analysis of solids and fluids, with emphasis on methodologies for nonlinear problems. Fundamental theory and computer implementations of various techniques.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	7200	Advanced Non-linear Finite Element Analysis	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CE 5200 or ME 6570							
		COURSE DESC:		Advanced study in finite element analysis of solids and fluids, with emphasis on methodologies for nonlinear problems. Fundamental theory and computer implementations of various techniques.									
ENT	ME	ME	7310	Transport Processes in Atmospheric Pollution Control	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 6400 or ME 5460							
		COURSE DESC:		Formation and transport of gaseous and solid pollutants through the atmosphere, dispersion theory using Gaussian models, particle motion in external force field, buoyancy and natural convection, and aerosol mechanics, including terminal settling velocity and particle formation from nucleation, condensation and agglomeration. Control of atmospheric pollutants through application of transport phenomena, including use of electrostatic precipitation, impactors, scrubbers, filtration and inertial separation.									
ENT	ME	ME	7310	Transport Processes in Atmospheric Pollution Control	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 6400 or ME 5460							
		COURSE DESC:		Formation and transport of gaseous and solid pollutants through the atmosphere, dispersion theory using Gaussian models, particle motion in external force field, buoyancy and natural convection, and aerosol mechanics, including terminal settling velocity and particle formation from nucleation, condensation and agglomeration. Control of atmospheric pollutants through application of transport phenomena, including use of electrostatic precipitation, impactors, scrubbers, filtration and inertial separation.									
ENT	ME	ME	7330	Numerical Heat Transfer and Fluid Flow	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ME 5130 and 5460							
		COURSE DESC:		Numerical solution techniques in heat transfer and fluid flow and related processes. Includes governing conservation equations, discretization methods, analysis of heat conduction, convection, diffusion, and flow field.									
ENT	ME	ME	7330	Numerical Heat Transfer and Fluid Flow	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ME 5130 and 5460							
		COURSE DESC:		Numerical solution techniques in heat transfer and fluid flow and related processes. Includes governing conservation equations, discretization methods, analysis of heat conduction, convection, diffusion, and flow field.									
ENT	ME	ME	7450	Advanced Topics in Numerical Methods	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 6100 or MATH 5600 or ME 6970							
		COURSE DESC:		Application of numerical methods for solving ordinary and partial differential equations and eigenvalue problems. Emphasis on problems in thermal and mechanical systems. Finite difference and finite element methods.									
ENT	ME	ME	7450	Advanced Topics in Numerical Methods	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 6100 or MATH 5600 or ME 6970							
		COURSE DESC:		Application of numerical methods for solving ordinary and partial differential equations and eigenvalue problems. Emphasis on problems in thermal and mechanical systems. Finite difference and finite element methods.									
ENT	ME	ME	7510	Advanced Computer-Aided Design	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CE 5200 or ME 6570							
		COURSE DESC:		Application of advanced CAD techniques to mechanical design problems. Interactive computer programming, mechanical tolerancing. Solid modeling and finite element applications. Pre- and post-processing of FEM data. Automated mesh generation techniques. Cubic splines, B-splines, and sculptured surfaces.									
ENT	ME	ME	7510	Advanced Computer-Aided Design	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CE 5200 or ME 6570							
		COURSE DESC:		Application of advanced CAD techniques to mechanical design problems. Interactive computer programming, mechanical tolerancing. Solid modeling and finite element applications. Pre- and post-processing of FEM data. Automated mesh generation techniques. Cubic splines, B-splines, and sculptured surfaces.									
ENT	ME	ME	7600	Advanced CAD/CAM/CAE of Dies and Molds	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ME 6570							
		COURSE DESC:		Formulation of the design basis for dies and molds; analysis of material flow through dies; development of criteria for design optimization, heat transfer, and die stress analysis. Theoretical basis for describing 3-D die geometry of complex dies for computer-aided manufacture. Applications in extrusion, forging die casting, and injection molding dies. Development and use of computer software in CAD/CAM/CAE of dies.									
ENT	ME	ME	7600	Advanced CAD/CAM/CAE of Dies and Molds	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ME 6570							
		COURSE DESC:		Formulation of the design basis for dies and molds; analysis of material flow through dies; development of criteria for design optimization, heat transfer, and die stress analysis. Theoretical basis for describing 3-D die geometry of complex dies for computer-aided manufacture. Applications in extrusion, forging die casting, and injection molding dies. Development and use of computer software in CAD/CAM/CAE of dies.									
ENT	ME	ME	7620	Topics in Non-Newtonian Fluid Dynamics	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ME 7140							
		COURSE DESC:		Includes constitutive modeling including power law fluids, Maxwell fluids, and models of differential and integral type. Formulation schemes for non-Newtonian fluid dynamics using finite element analysis and its applications.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	7620	Topics in Non-Newtonian Fluid Dynamics ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 7140 COURSE DESC: Includes constitutive modeling including power law fluids, Maxwell fluids, and models of differential and integral type. Formulation schemes for non-Newtonian fluid dynamics using finite element analysis and its applications.	LEC	LE	3	0		N	G50		0
ENT	ME	ME	7760	Special Topics in Materials Processing ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 5620 COURSE DESC: Advanced topics in selected areas of materials processing technology. Processing by deformation, solidification, powder metallurgy, machining, deposition, and non-traditional methods are possible areas of study.	LEC	EL	3	0		N	G50		0
ENT	ME	ME	7760	Special Topics in Materials Processing ELIGIBLE GRADES: GEC1: A-F REQUISITE: ME 5620 COURSE DESC: Advanced topics in selected areas of materials processing technology. Processing by deformation, solidification, powder metallurgy, machining, deposition, and non-traditional methods are possible areas of study.	LEC	LE	3	0		N	G50		0
ENT	ME	ME	7800	Doctoral Colloquium ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Presentation and discussion of research topics.	SEM	EL	1	0		N	G50		0
ENT	ME	ME	7800	Doctoral Colloquium ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Presentation and discussion of research topics.	SEM	SE	1	0		N	G50		0
ENT	ME	ME	7840	Fracture and Fatigue of Engineering Materials ELIGIBLE GRADES: GEC1: A-F REQUISITE: CE 6230 or ME 5630 or 6630 COURSE DESC: Analysis of crack-tip stress field, energy concepts and crack growth criteria, conservation integrals, crack life prediction, mechanisms of fatigue damage, and high- and low-cycle fatigue damage.	LEC	EL	3	0		N	G50		0
ENT	ME	ME	7840	Fracture and Fatigue of Engineering Materials ELIGIBLE GRADES: GEC1: A-F REQUISITE: CE 6230 or ME 5630 or 6630 COURSE DESC: Analysis of crack-tip stress field, energy concepts and crack growth criteria, conservation integrals, crack life prediction, mechanisms of fatigue damage, and high- and low-cycle fatigue damage.	LEC	LE	3	0		N	G50		0
ENT	ME	ME	7850	Plasticity Theory and Application ELIGIBLE GRADES: GEC1: A-F REQUISITE: (CE 6230 or ME 5630 or 6630) and ME 6970 COURSE DESC: Theory of plasticity, stress-strain relations for perfectly plastic and strain hardening materials, yield criteria and constitutive equations of plastic bodies, solving some elementary boundary value problems of plasticity.	LEC	EL	3	0		N	G50		0
ENT	ME	ME	7850	Plasticity Theory and Application ELIGIBLE GRADES: GEC1: A-F REQUISITE: (CE 6230 or ME 5630 or 6630) and ME 6970 COURSE DESC: Theory of plasticity, stress-strain relations for perfectly plastic and strain hardening materials, yield criteria and constitutive equations of plastic bodies, solving some elementary boundary value problems of plasticity.	LEC	LE	3	0		N	G50		0
ENT	ME	ME	7900	Special Topics in Mechanical Engineering ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Advanced topics in selected areas in mechanical engineering.	LEC	EL	1 to 4	999		N	G50		0
ENT	ME	ME	7900	Special Topics in Mechanical Engineering ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Advanced topics in selected areas in mechanical engineering.	LEC	LE	1 to 4	999		N	G50		0
ENT	ME	ME	7930	Special Investigations ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Advanced topics in mechanical engineering with an emphasis on individual study.	IND	EL	1 to 4	999		I	G50		0
ENT	ME	ME	7930	Special Investigations ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Advanced topics in mechanical engineering with an emphasis on individual study.	IND	IS	1 to 4	999		I	G50		0

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ENT	ME	ME	7970	Advanced Engineering Analysis	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 6100 or ME 6970									
		COURSE DESC:		Analytical approaches for obtaining solutions to a variety of engineering and physics problems, with emphasis on mechanical engineering topics such as transport processes, nonlinear vibrations, and dynamics. Focus on advanced/approximate methods.									
ENT	ME	ME	7970	Advanced Engineering Analysis	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 6100 or ME 6970									
		COURSE DESC:		Analytical approaches for obtaining solutions to a variety of engineering and physics problems, with emphasis on mechanical engineering topics such as transport processes, nonlinear vibrations, and dynamics. Focus on advanced/approximate methods.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	2110	History of Art I	DIS	DI	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Survey of Western painting, sculpture, and architecture from prehistoric through Gothic. Students advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	AH	2110	History of Art I	LEC	LE	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Survey of Western painting, sculpture, and architecture from prehistoric through Gothic. Students advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	AH	2120	History of Art II	DIS	DI	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Survey of Western painting, sculpture, and architecture from Renaissance through contemporary. Students are advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	AH	2120	History of Art II	LEC	LE	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Survey of Western painting, sculpture, and architecture from Renaissance through contemporary. Students are advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	AH	2130	History of World Art	DIS	DI	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Covers art and architecture that are located on six of the seven continents (with the exception of Antarctica) and which date from the Neolithic period (ca 4000 BCE) to the present. Informing the course is the important notion of plurality in the consideration not only of art and objects but also in the areas of religion, philosophy, and cultural practices.									
FAR	ART	AH	2130	History of World Art	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Covers art and architecture that are located on six of the seven continents (with the exception of Antarctica) and which date from the Neolithic period (ca 4000 BCE) to the present. Informing the course is the important notion of plurality in the consideration not only of art and objects but also in the areas of religion, philosophy, and cultural practices.									
FAR	ART	AH	2900	Special Topics in Art History	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
FAR	ART	AH	2900	Special Topics in Art History	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
FAR	ART	AH	2970T	Art History Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial on topics in Art History.									
FAR	ART	AH	2971T	Art History Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial on topics in Art History									
FAR	ART	AH	2980T	Art History Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial on topics in art history.									
FAR	ART	AH	2981T	Art Historical Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial on topics in Art History									
FAR	ART	AH	3200	Greek Art	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Art of ancient Greece.									
FAR	ART	AH	3210	Roman Art	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Art of ancient Rome.									
FAR	ART	AH	3220	Medieval Art	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Art of Europe from age of Constantine to art of Giotto.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	3230	Italian Renaissance Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of 15th-century Italy.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3260	Baroque and Rococo Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of Europe in 17th- and 18th- centuries.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3270	19th-Century Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Painting and sculpture in Western Europe, 1789-1900. The neoclassic, Romantic, Realist, Impressionist, and post-Impressionist movements.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3310	Pre-Columbian Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Preconquest art of Mexico, Central and South America.	LEC	LE	3	0	2CP	N	U30		0
FAR	ART	AH	3320	West African Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: The visual art traditions, including sculpture, ceramics, textiles, and architecture, of the forest and savanna zones of West Africa.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3400	Asian Art History ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of India, China, and Japan.	LEC	LE	3	0	2CP	N	U30		0
FAR	ART	AH	3410	History of Chinese Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Will cover art, architecture, religio-philosophical beliefs and changing cultural practices within China from the Neolithic period (ca 4000 BCE) to the present. The methodological emphasis is on diversity and globalization.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3420	20th-Century Art of China ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Explores the ways in which Chinese artists of the 20th- century have defined modernity and their tradition against the complex background of China's history.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3430	History of Japanese Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3500	Principles of Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduction to styles, theories, and structural principles of architecture.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3510	Ancient Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Survey of architectural monuments and their historical settings in Near East, Egypt, Greece, and Rome.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3520	Medieval Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Survey of architectural monuments and their historical settings in early Christian, Byzantine, Romanesque, and Gothic periods.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3530	Renaissance and Baroque Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Survey of architects and monuments from 15th- through 18th- centuries.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3540	19th-21st Century Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Survey of architects and monuments from historical revival styles through recent stylistic trends.	LEC	LE	3	0		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	3600	Modernist Theory and Criticism ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr An overview of the major theoretical and critical positions on the visual arts in modernism, especially from the late 19th- century to the later 1970s. Topics include formalism, expressionism, and the relationship of art to nature and society.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3610	History of Photography ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Approaches photography as a set of problems and concepts rather than as a unified medium with a linear history. Photography is marked by multiple, often contradictory practices at the nexus of differing discursive and contextual parameters. As a result, the main interest is not only with the photograph as an object of study, but as a modality of thinking and a way of producing new models of visibility. We will investigate the criteria used to identify and discuss photographic images and practices over the century and a half since the inception of processes resulting in photographic material. At the same time, we will ask after the ways in which photographic practices elucidate aspects of the historical context from which they are drawn.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	3970T	Art History Tutorial ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: HTC Honors Tutorial on topics in Art History	TUT	TU	1 to 12	999		N	U30		0
FAR	ART	AH	3980T	Art History Tutorial ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: HTC Honors Tutorial on topics in Art History	TUT	TU	1 to 12	999		N	U30		0
FAR	ART	AH	4101	Contemporary Art History ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Overview of international art of recent decades. Focus is on the contemporary period starting with pop and minimal art and continuing to the present.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4111	The Representation and Theorization of Gender in the History of Art ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Looks at how gender and gender relationships are depicted in the history of art. Examines the theories and methodologies of gender construction. Covers a variety of eras in order to explore the nuances of gender construction in history, beginning with the prehistoric period and ending with the contemporary period.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4161	Arts of Medieval China (400-1300) ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr The subject is the arts of the medieval period in China, from the 5th- to the 14th- century. The objects studied include ceramic and bronze vessels, stone and terracotta sculptures, Buddhist cave art, calligraphy and ink painting, and printed books. The concept "appropriation" will be engaged for the interpretative understanding of especially Buddhist art and of the practices of calligraphy and ink painting.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4171	Arts of Early Modern China (1500-1700) ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr The subject is the arts of the early modern period in China, from the 16th- to the 18th- century. The objects studied include calligraphy and ink paintings, lacquer and porcelain, illustrated books, and landscapes architecture. Will introduce two sets of linked concepts, agency and artistic imagination, economic globalization and cultural hybridity, concepts that will frame interpretive understanding of the objects.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4180	Contemporary East Asian Art ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr The subject of study includes a range of media -- installations and performance art, photography, anime, and narrative films from the late '90s to the present by artists identified as East Asian. Concerned with major exhibitions, benchmark events, and art movements along with theoretical writings, the course will provide an informed critical understanding of contemporary East Asian art in the global economy.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4190	Visual Culture of China ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Studies painting and prints, commercial advertising and fashion, photographs, and films in China, 1840 to 1940. The visual forms are located in a matrix of changing political and social conditions made more complex by the presence of non-Chinese subjects and cultures. Also introduces the methodological concept, visual culture.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4221	Romanesque and Gothic Art ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Examines the architectural, sculptural, and pictorial arts of the Romanesque and Gothic periods (11th- century through the 14th- century). Special attention is given to the physical, cultural, and historical context of the art and the ways in which function, subject matter, and form develop throughout this period.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4241	Northern Renaissance Art ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Jr or Sr Art of Northern Europe in 15th- and 16th- centuries.	LEC	LE	3	0		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	4250	Art of High Renaissance and Mannerism ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of 16th-century Italy.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4331	Central African Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: The visual art traditions, including sculpture, ceramics, textiles, and architecture of the forest and savanna zones of Central Africa.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4611	20th-Century Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Major developments in 20th-century art in the mediums of painting and sculpture are covered, with emphasis on modernist masters from Picasso, Matisse, Brancusi to Pollock and Warhol, and avant-garde practices such as Constructivism, Dada, and Surrealism. The class will track their relevance for art up to the present. Each practitioner and movement will be placed in historical and geopolitical context.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4616	Art Spaces ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: This course explores the relationship between visual art and spatial modes of display, installation, collection, and exhibition. Using historical case studies, we question the white-wall gallery as the primary home of fine art, finding instead a rich history of alternative spaces and presentation techniques. Selected case studies include: cabinets of curiosities, salons, modern galleries, museums (art, science, natural history), department stores, archives, cities, gardens, fairs, and various mediated spaces (pictorial, electronic, virtual). This class considers how spatial conditions factor into the production and reception of art, visual culture, and media.	SEM	SE	3	0		N	U30		0
FAR	ART	AH	4621	Art and Theory Since 1945 ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Looks at the three decades of artistic production in America and Europe after World War II and the Holocaust. It focuses Develop language to discuss, describe, and generate formal analyses of art works.on four main questions: first, how did artists attempt to come to terms with the violent rupture in European civilization caused by the dehumanizing forces of war and genocide? Second, how did artistic production assist in the reconstruction of culture and community? How did they forge a connection to the prewar avant-garde? Third, how did artists attempt to engage the increasing presence of media and advertisement production, what Theodore Adorno referred to as "The Culture Industry," and George Bataille has discussed under the rubric of "The Marshall Plan," roughly understood as the "Americanization" of Europe. Last, how does our focused examination of postwar European Art in relationship to post-war American art de-center the art historical narrative that focuses primarily on American art centering on New York? How might our queries suggest a different narrative? Presents a historical approach to the development of art in America, Italy, France, Germany and the Netherlands from the first attempts to represent the atrocities of war to the critique of institutions of power in the '60s through to the return of painting as a form of historical reflection in the late '70s and early '80s. Does not claim to provide an exhaustive catalogue of every important artistic activity after the war. Rather, specific figures will be examined as case studies of the interrelationship between aesthetic, historical and ideological issues from 1945 on. Finally, introduces the history of contemporary artistic practices from the 1960s to the present, and the major critical and historical accounts of modernism and postmodernism in the arts. Focusing on the interrelationships between modernist culture and the emerging concepts of postmodernism and contemporary art, addresses a wide range of historical and methodological questions. These include the evolving idea of artistic autonomy, the changing role of cultural institutions, the shifting relationship of high art and mass culture, the impact of new technologies on cultural production, and the emergence of new audiences for art.	LEC	LE	3	0		N	U30		0
FAR	ART	AH	4711	Methods in Art History ELIGIBLE GRADES: GEC1: A-F REQUISITE: AH 2110 and 2120 and 2130 and (4 courses in AH at 3000 or 4000 level) and Sr only COURSE DESC: Investigation of various methodological approaches to study of art.	LEC	LE	3	0	3	N	U30		0
FAR	ART	AH	4900	Selected Topics in Art History ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Selected problems in the visual arts, such as interdisciplinary topics, cross-cultural studies, thematic treatments, technical investigations, and approaches to material. Content varies with each offering.	LEC	LE	3	12		N	U30		0
FAR	ART	AH	4902	Contemporary Art Theory and Criticism ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Selected topics related to theoretical and critical positions on the visual arts and contemporary culture. Content varies with each offering.	LEC	LE	3	6		N	U30		0
FAR	ART	AH	4920	Service Learning in Art History ELIGIBLE GRADES: GEC6: CR, REQUISITE: Permission required PR, F COURSE DESC: Gives students the opportunities to make meaningful connections between art historical research and public service. Students engage in field experiences such as working in museums, collaborative public art projects, and providing art historical instruction in institutional settings such as schools, hospitals, or non-profit organizations. Students are introduced to a range of issues faced by art historians who choose to work in the public realm.	PRA	PR	1 to 4	8		I	U30		0

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FAR	ART	AH	4930	Independent Study--Projects	IND	IS	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and AH major and Sr only									
		COURSE DESC:		PR Projects, ideas, or explorations that cannot reasonably be made within regular course structures. Credit as elective only.									
FAR	ART	AH	4970T	Art History Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Honors Tutorial on topics in Art History									
FAR	ART	AH	4980T	Art History Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC									
		COURSE DESC:		PR Honors Tutorial on topics in Art History.									
FAR	ART	AH	5101	Contemporary Art History	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Overview of international art of recent decades. Focus is on the contemporary period starting with pop and minimal art and continuing to the present.									
FAR	ART	AH	5111	The Representation and Theorization of Gender in the History of Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Looks at how gender and gender relationships are depicted in the history of art. Examines the theories and methodologies of gender construction. Covers a variety of eras in order to explore the nuances of gender construction in history, beginning with the prehistoric period and ending with the contemporary period.									
FAR	ART	AH	5161	Arts of Medieval China (400-1300)	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The subject is the arts of the medieval period in China, from the 5th- to the 14th- century. The objects studied include ceramic and bronze vessels, stone and terracotta sculptures, Buddhist cave art, calligraphy and ink painting, and printed books. The concept "appropriation" will be engaged for the interpretative understanding of especially Buddhist art and of the practices of calligraphy and ink painting.									
FAR	ART	AH	5171	Arts of Early Modern China (1500-1700)	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The subject is the arts of the early modern period in China, from the 16th- to the 18th- century. The objects studied include calligraphy and ink paintings, lacquer and porcelain, illustrated books, and landscapes architecture. Will introduce two sets of linked concepts, agency and artistic imagination, economic globalization and cultural hybridity, concepts that will frame interpretive understanding of the objects.									
FAR	ART	AH	5180	Contemporary East Asian Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The subject of study includes a range of media -- installations and performance art, photography, anime, and narrative films from the late '90s to the present by artists identified as East Asian. Concerned with major exhibitions, benchmark events, and art movements along with theoretical writings, the course will provide an informed critical understanding of contemporary East Asian art in the global economy.									
FAR	ART	AH	5191	Visual Culture of China	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Studies painting and prints, commercial advertising and fashion, photographs, and films in China, 1840 to 1940. The visual forms are located in a matrix of changing political and social conditions made more complex by the presence of non-Chinese subjects and cultures. Also introduces the methodological concept, visual culture.									
FAR	ART	AH	5200	Greek Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of ancient Greece.									
FAR	ART	AH	5210	Roman Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of ancient Rome.									

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FAR	ART	AH	5220	Medieval Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of Europe from age of Constantine to art of Giotto.									
FAR	ART	AH	5221	Romanesque and Gothic Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Examines the architectural, sculptural, and pictorial arts of the Romanesque and Gothic periods (11th- century through the 14th- century). Special attention is given to the physical, cultural, and historical context of the art and the ways in which function, subject matter, and form develop throughout this period.									
FAR	ART	AH	5230	Italian Renaissance Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of 15th-century Italy.									
FAR	ART	AH	5241	Northern Renaissance Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of Northern Europe in 15th- and 16th- centuries.									
FAR	ART	AH	5251	Art of High Renaissance and Mannerism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of 16th-century Italy.									
FAR	ART	AH	5260	Baroque and Rococo Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of Europe in 17th- and 18th- centuries.									
FAR	ART	AH	5270	19th-Century Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Painting and sculpture in Western Europe, 1789-1900. The neoclassic, Romantic, Realist, Impressionist, and post-Impressionist movements.									
FAR	ART	AH	5320	West African Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The visual art traditions, including sculpture, ceramics, textiles, and architecture, of the forest and savanna zones of West Africa.									
FAR	ART	AH	5331	Central African Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The visual art traditions, including sculpture, ceramics, textiles, and architecture of the forest and savanna zones of Central Africa.									
FAR	ART	AH	5400	Asian Art History	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Art of India, China, and Japan.									
FAR	ART	AH	5410	History of Chinese Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Will cover art, architecture, religio-philosophical beliefs and changing cultural practices within China from the Neolithic period (ca 4000 BCE) to the present. The methodological emphasis is on diversity and globalization.									
FAR	ART	AH	5430	History of Japanese Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5600	Modernist Theory and Criticism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		An overview of the major theoretical and critical positions on the visual arts in modernism, especially from the late 19th- century to the later 1970s. Topics include formalism, expressionism, and the relationship of art to nature and society.									
FAR	ART	AH	5610	History of Photography	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Approaches photography as a set of problems and concepts rather than as a unified medium with a linear history. Photography is marked by multiple, often contradictory practices at the nexus of differing discursive and contextual parameters. As a result, the main interest is not only with the photograph as an object of study, but as a modality of thinking and a way of producing new models of visibility. We will investigate the criteria used to identify and discuss photographic images and practices over the century and a half since the inception of processes resulting in photographic material. At the same time, we will ask after the ways in which photographic practices elucidate aspects of the historical context from which they are drawn.									
FAR	ART	AH	5611	20th-Century Art	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Major developments in 20th-century art in the mediums of painting and sculpture are covered, with emphasis on modernist masters from Picasso, Matisse, Brancusi to Pollock and Warhol, and avant-garde practices such as Constructivism, Dada, and Surrealism. The class will track their relevance for art up to the present. Each practitioner and movement will be placed in historical and geopolitical context.									
FAR	ART	AH	5621	Art and Theory Since 1945	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Looks at the three decades of artistic production in America and Europe after World War II and the Holocaust. It focuses Develop language to discuss, describe, and generate formal analyses of art works.on four main questions: first, how did artists attempt to come to terms with the violent rupture in European civilization caused by the dehumanizing forces of war and genocide? Second, how did artistic production assist in the reconstruction of culture and community? How did they forge a connection to the prewar avant-garde? Third, how did artists attempt to engage the increasing presence of media and advertisement production, what Theodore Adorno referred to as "The Culture Industry," and George Bataille has discussed under the rubric of "The Marshall Plan," roughly understood as the "Americanization" of Europe. Last, how does our focused examination of postwar European Art in relationship to post-war American art de-center the art historical narrative that focuses primarily on American art centering on New York? How might our queries suggest a different narrative?									
				Presents a historical approach to the development of art in America, Italy, France, Germany and the Netherlands from the first attempts to represent the atrocities of war to the critique of institutions of power in the '60s through to the return of painting as a form of historical reflection in the late '70s and early '80s. Does not claim to provide an exhaustive catalogue of every important artistic activity after the war. Rather, specific figures will be examined as case studies of the interrelationship between aesthetic, historical and ideological issues from 1945 on.									
				Finally, introduces the history of contemporary artistic practices from the 1960s to the present, and the major critical and historical accounts of modernism and postmodernism in the arts. Focusing on the interrelationships between modernist culture and the emerging concepts of postmodernism and contemporary art, addresses a wide range of historical and methodological questions. These include the evolving idea of artistic autonomy, the changing role of cultural institutions, the shifting relationship of high art and mass culture, the impact of new technologies on cultural production, and the emergence of new audiences for art.									
FAR	ART	AH	5711	Methods in Art History	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Investigation of various methodological approaches to study of art.									
FAR	ART	AH	5900	Selected Topics in Art History	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Selected problems in the visual arts, such as interdisciplinary topics, cross-cultural studies, thematic treatments, technical investigations, and approaches to material. Content varies with each offering.									
FAR	ART	AH	5902	Contemporary Art Theory and Criticism	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Selected topics related to theoretical and critical positions on the visual arts and contemporary culture. Content varies with each offering.									
FAR	ART	AH	5903	Medieval Art Special Topics Seminar	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Permission required PR Focused topics on Medieval Art. A single artist, issue, or period is emphasized. Content varies with each offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5904	Italian Renaissance Art Special Topics Seminar	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Focused topics on Italian Renaissance art (c 1300-1550). An artist, school, period, and/or issue will be examined. Content varies with each offering.									
FAR	ART	AH	5905	Modern Art Special Topics Seminar	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Focused on European and American art (c 1800-1945). A single issue, period, or artist is emphasized. Content varies with each offering.									
FAR	ART	AH	5906	Arts of Asia Special Topics Seminar	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Focused topics on the arts of Asia. A single issue, tradition, or culture is emphasized. Content varies with each offering.									
FAR	ART	AH	5907	Arts of Africa Special Topics Seminar	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Focused topics on the arts of Africa. A single issue, tradition, or culture is emphasized. Content varies with each offering.									
FAR	ART	AH	5920	Service Learning in Art History	PRA	PR	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Gives students opportunities to make meaningful connections between art historical research and public service. Students engage in field experiences such as working in museums, collaborative public art projects, and providing art historical instruction in institutional settings such as schools, hospitals, or non-profit organizations. Students are introduced to a range of issues faced by art historians who choose to work in the public realm.									
FAR	ART	AH	5922	Seminar in Art History: Teaching, Research, Publication	PRA	PR	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Intensive study of projects of limited scope.									
FAR	ART	AH	5930	Independent Study--Projects/Readings	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent research projects/readings will vary with each offering.									
FAR	ART	AH	6900	Special Topics in Art History	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	AH	6900	Special Topics in Art History	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	AH	6950	Art History Thesis	THE	TH	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Thesis content will vary.									
FAR	ART	ART	1100	Seeing and Knowing the Visual Arts	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to perceiving and understanding meanings and organizational systems in traditional and contemporary visual arts in context of their social and cultural backgrounds.									
FAR	ART	ART	1111	Introduction to Digital Art	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to Digital Art develops basic digital imaging techniques with emphasis on creative expression, composition, and design, knowledge of basic imaging software, and digital input and output devices. No previous art or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on creative activity and from in class lecture and discussion.									

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FAR	ART	ART	1111	Introduction to Digital Art	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Digital Art develops basic digital imaging techniques with emphasis on creative expression, composition, and design, knowledge of basic imaging software, and digital input and output devices. No previous art or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on creative activity and from in class lecture and discussion.									
FAR	ART	ART	1120	Art and Hip Hop	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Hip Hop culture has profoundly influenced art since the 1970s. Hip hop has given voice to new art forms and new approaches to existing artistic practices. Its underlying concepts have been adapted worldwide into art unique to diverse geographic and cultural locales. Art and Hip Hop will explore this phenomenon within the context of traditional and contemporary art; polyculturalism and multiculturalism; activism and politics; and gender and race.									
FAR	ART	ART	1120	Art and Hip Hop	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Hip Hop culture has profoundly influenced art since the 1970s. Hip hop has given voice to new art forms and new approaches to existing artistic practices. Its underlying concepts have been adapted worldwide into art unique to diverse geographic and cultural locales. Art and Hip Hop will explore this phenomenon within the context of traditional and contemporary art; polyculturalism and multiculturalism; activism and politics; and gender and race.									
FAR	ART	ART	1121	Introduction to Drawing	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Drawing develops fundamental skills and techniques in drawing with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of drawing media.									
FAR	ART	ART	1121	Introduction to Drawing	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Drawing develops fundamental skills and techniques in drawing with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of drawing media.									
FAR	ART	ART	1131	Introduction to Film Photography	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Film Photography develops basic camera and darkroom techniques using light sensitive materials with emphasis on creative expression, composition, lighting, and the art of film-based photography. No previous art experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a single-lens reflex camera, 35mm film, and a traditional wet darkroom.									
FAR	ART	ART	1131	Introduction to Film Photography	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Film Photography develops basic camera and darkroom techniques using light sensitive materials with emphasis on creative expression, composition, lighting, and the art of film-based photography. No previous art experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a single-lens reflex camera, 35mm film, and a traditional wet darkroom.									
FAR	ART	ART	1141	Introduction to Digital Photography	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Digital Photography develops basic camera and digital techniques with emphasis on creative expression, composition, lighting, and the art of digital photography. No previous art, photography, or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a digital camera, scanners, imaging software, and output devices.									
FAR	ART	ART	1141	Introduction to Digital Photography	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Digital Photography develops basic camera and digital techniques with emphasis on creative expression, composition, lighting, and the art of digital photography. No previous art, photography, or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a digital camera, scanners, imaging software, and output devices.									
FAR	ART	ART	1151	Introduction to Painting	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Painting develops fundamental skills and techniques in painting with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to painting.									
FAR	ART	ART	1151	Introduction to Painting	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to Painting develops fundamental skills and techniques in painting with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to painting.									

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FAR	ART	ART	1161	Introduction to Ceramics	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to Ceramics develops fundamental skills and techniques in ceramics. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to ceramics.									
FAR	ART	ART	1171	Introduction to Printmaking	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to Printmaking develops fundamental skills and techniques in printmaking with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to printmaking.									
FAR	ART	ART	1171	Introduction to Printmaking	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to Printmaking develops fundamental skills and techniques in printmaking with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to printmaking.									
FAR	ART	ART	1181	Introduction to Graphic Design	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Designed for the non-art student seeking an appreciation and understanding of art and art practices. Credit as free elective only, not studio.									
FAR	ART	ART	1181	Introduction to Graphic Design	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Designed for the non-art student seeking an appreciation and understanding of art and art practices. Credit as free elective only, not studio.									
FAR	ART	ART	1191	Introduction to Sculpture	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduces fundamental techniques and issues in three-dimensional art with emphasis on creative expression, design, and craftsmanship. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of traditional and non-traditional sculptural materials.									
FAR	ART	ART	1191	Introduction to Sculpture	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduces fundamental techniques and issues in three-dimensional art with emphasis on creative expression, design, and craftsmanship. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of traditional and non-traditional sculptural materials.									
FAR	ART	ART	1200	Description	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Description builds skills in drawing, image making, three-dimensional modeling, and data mapping in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying description.									
FAR	ART	ART	1200	Description	STU	ST	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Description builds skills in drawing, image making, three-dimensional modeling, and data mapping in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying description.									
FAR	ART	ART	1210	Function	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Function explores the physical, metaphorical, and cultural significance of art's function, the relationship of the artist/designer to tools as a vehicle for problem solving, and the many roles of the artist/designer in society. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying function.									
FAR	ART	ART	1210	Function	STU	ST	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Function explores the physical, metaphorical, and cultural significance of art's function, the relationship of the artist/designer to tools as a vehicle for problem solving, and the many roles of the artist/designer in society. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying function.									
FAR	ART	ART	1220	Image	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Image explores the making of still, moving, informational, and anthropological investigations of images, image systems, and cultural contexts. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying image.									

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FAR	ART	ART	1220	Image ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		75
				GEC1: A-F REQUISITE: Image explores the making of still, moving, informational, and anthropological investigations of images, image systems, and cultural contexts. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying image.									
FAR	ART	ART	1230	Structure ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		N	U30		75
				GEC1: A-F REQUISITE: Structure explores structure as it can be applied to physical, organizational, conceptual, spatial, contextual, and fixed as well as plastic approaches in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying structure.									
FAR	ART	ART	1230	Structure ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		75
				GEC1: A-F REQUISITE: Structure explores structure as it can be applied to physical, organizational, conceptual, spatial, contextual, and fixed as well as plastic approaches in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying structure.									
FAR	ART	ART	1240	Visual Art in Practice and Theory: Critical Perspectives ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		75
				GEC1: A-F REQUISITE: Emphasizes the historical and theoretical contexts and approaches that inform the production and analysis of visual culture.									
FAR	ART	ART	1600	Aesthetics of Architecture and Design ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2FA	N	U30		0
				GEC1: A-F REQUISITE: Recommended for students interested in the Interior Architecture program. Fundamental issues of aesthetics in architecture, interiors, and design. Emphasis on the study of residential environments including socio-economic and multi-cultural issues. Topics include aesthetics, design fundamentals, history of design, and construction methodologies.									
FAR	ART	ART	1610	Introduction to Professional Practices ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1	0		N	U30		0
				GEC4: A-F, CR, PR REQUISITE: Recommended for students interested in the Interior Architecture program. Introduction to the profession of interior design. Examination of interior design professional practices will include the history of the profession, business practices within the profession, and designing and design process as the primary creative aspect of the profession.									
FAR	ART	ART	1800	Art + Design Pre-College ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	12		N	U30		0
				GEC1: A-F REQUISITE: This intensive summer studio course is a college-level introduction to a medium-specific area of study within the School of Art + Design. Through material research and hands-on making using professional tools and facilities, students develop their ideas and learn the skills to realize them in two, three, and four dimensions. Students gain an understanding of contemporary art and design practices through lectures, class discussions, guided studio practice, and critique.									
FAR	ART	ART	2210	Ceramics Hand Building ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		0
				GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 An introduction to hand building techniques in clay. Includes diverse surface techniques, slips, glazes, and kiln firing. The semester builds to address more advanced techniques such as basic mold making, conceptual problem solving through material and contemporary and non-traditional approaches to ceramics.									
FAR	ART	ART	2220	Ceramics Wheel Throwing ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		0
				GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Explores the creative possibilities of the potter's wheel. Emphasis will initially be placed on functional objects, building a variety of skills that can lead to individual interpretations, both functional and sculptural. Students will become familiar with clay and glaze materials, surface application with slips and glazes, kiln design, and firing processes.									
FAR	ART	ART	2310	Sculpture: Contemporary Objects and Traditions ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		0
				GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Provides an introduction and exposure to issues of contemporary sculpture and trains students in the use of fabrication and reductive modes in a variety of materials to explore the use of space in sculpture.									
FAR	ART	ART	2320	Sculpture: Environments & Actions ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		N	U30		0
				GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 The creation of installations, environmental alteration, social-interventions, performance events, and collaborative projects are introduced through participatory practice. Students will study and be engaged in the creation of immersive works.									
FAR	ART	ART	2320	Sculpture: Environments & Actions ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	U30		0
				GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 The creation of installations, environmental alteration, social-interventions, performance events, and collaborative projects are introduced through participatory practice. Students will study and be engaged in the creation of immersive works.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2330	Casting Contemporary Explorations	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Origination and reproduction to produce art objects are explored through modeling and casting techniques as students investigate the role of the cast object and casting materials as means for the execution of contemporary art strategies.									
FAR	ART	ART	2330	Casting Contemporary Explorations	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Origination and reproduction to produce art objects are explored through modeling and casting techniques as students investigate the role of the cast object and casting materials as means for the execution of contemporary art strategies.									
FAR	ART	ART	2410	Lithography/Monotype	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Serves as an introduction to the planographic printing processes of lithography and monotype. Students will focus on technical aspects of developing artistic ideas, creating imagery, processing matrices, and printing. A series of critiques, group discussions, research and information gathering assignments, and lectures and demonstrations complement studio work. Historic and contemporary conceptual issues related to the media will also be introduced, including the print as mass media, political and practical applications.									
FAR	ART	ART	2410	Lithography/Monotype	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Serves as an introduction to the planographic printing processes of lithography and monotype. Students will focus on technical aspects of developing artistic ideas, creating imagery, processing matrices, and printing. A series of critiques, group discussions, research and information gathering assignments, and lectures and demonstrations complement studio work. Historic and contemporary conceptual issues related to the media will also be introduced, including the print as mass media, political and practical applications.									
FAR	ART	ART	2420	Etching/Relief	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduces the varied processes involved in making both intaglio (etching, engraving, drypoint) prints and relief (woodcut, wood engraving, linoleum, plastic) prints. Additional processes include collagraph and color printing. A series of critiques, group discussions, research and information gathering assignments, and lectures and demonstrations complement studio work. Historic and contemporary conceptual issues related to the media will also be introduced, including the print as mass media, political and practical applications.									
FAR	ART	ART	2430	Screen/Paper	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Designed to introduce a survey of fine art screenprinting and papermaking techniques. Investigations will focus on screenprinting and papermaking language and terminology, history and contemporary uses, and the application of the media on personal projects. A series of critiques, group discussions, research and information gathering assignments, and lectures and demonstrations complement studio work. Emphasis will be placed on the mastery of the technical processes, problem solving within process and idea, and quality of the original artwork produced.									
FAR	ART	ART	2501	Design History and Social Impact	LEC	EL	3	0	2CP	N	U30		15
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		As a result of globalization, studying cross-cultural design provides a framework of visual culture that emphasizes the role of design in diverse communication exchanges and public discourse. Particularly important is that a history of design transcends mere exposure to various traditions of design. Instead, a critical discussion of design in various contexts is encouraged as a way to understand our own cultural patterns of design among a broader history. An inclusive classification of design will be used to track significant developments in design across technological, physical and social contexts.									
FAR	ART	ART	2501	Design History and Social Impact	LEC	LE	3	0	2CP	N	U30		15
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		As a result of globalization, studying cross-cultural design provides a framework of visual culture that emphasizes the role of design in diverse communication exchanges and public discourse. Particularly important is that a history of design transcends mere exposure to various traditions of design. Instead, a critical discussion of design in various contexts is encouraged as a way to understand our own cultural patterns of design among a broader history. An inclusive classification of design will be used to track significant developments in design across technological, physical and social contexts.									
FAR	ART	ART	2510	Graphic Design Principles	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Investigation of the creation of meaning through visual forms: typography, image generation and manipulation, sign/symbol/icon, and visual contrasts. Includes conceptual thinking and creative problem solving in the integration of meaning and content in the construction of visual form. Emphasis on the use of current graphic generating technologies.									
FAR	ART	ART	2520	Typography	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduction to the use of typography as symbolic form. Study of typographic history, nomenclature, and meaning generation through letterform construction, word image, page sequencing, and digital composition.									
FAR	ART	ART	2520	Typography	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduction to the use of typography as symbolic form. Study of typographic history, nomenclature, and meaning generation through letterform construction, word image, page sequencing, and digital composition.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2600	Interior Architecture Studio I	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
				Investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the first IA studio in a sequence of six.									
FAR	ART	ART	2600	Interior Architecture Studio I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
				Investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the first IA studio in a sequence of six.									
FAR	ART	ART	2620	Interior Architecture Studio II	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 2600									
				Continued investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the second IA studio in a sequence of six.									
FAR	ART	ART	2620	Interior Architecture Studio II	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 2600									
				Continued investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the second IA studio in a sequence of six.									
FAR	ART	ART	2640	Building Systems of Interior Environments	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Fundamental concepts of illumination, electrical, and ceiling systems. Examination of vision, light, color, tasks, and quality of light. Terminology, symbols, concepts, electrical systems, basic equations, and lighting calculations. Exploration of light sources and controls. Study of physiological and psychological considerations.									
FAR	ART	ART	2650	Introduction to Design Process and Programming	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and Interior Architecture Major									
				An introduction to design process and programming as related to the development of interior design and application within the planning and shaping of interior architecture. Students begin with a design problem, and see it through the various phases of research, programming, ideation, implementation and final analysis in design process thinking. For Interior Architecture programming addresses more specifically space planning and analysis of space to meet client needs. Concept statements, project statements, adjacency studies and diagrams are used as tools to help students analyze and develop a program in response to a given problem. Human dimensions, physiological and psychological aspects of the environment are studied as well as issues related to sustainable design, code issues, and ergonomic concerns are addressed.									
FAR	ART	ART	2650	Introduction to Design Process and Programming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and Interior Architecture Major									
				An introduction to design process and programming as related to the development of interior design and application within the planning and shaping of interior architecture. Students begin with a design problem, and see it through the various phases of research, programming, ideation, implementation and final analysis in design process thinking. For Interior Architecture programming addresses more specifically space planning and analysis of space to meet client needs. Concept statements, project statements, adjacency studies and diagrams are used as tools to help students analyze and develop a program in response to a given problem. Human dimensions, physiological and psychological aspects of the environment are studied as well as issues related to sustainable design, code issues, and ergonomic concerns are addressed.									
FAR	ART	ART	2660	Materials Textiles and Construction in Interior Architecture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Investigation of material selection and application, construction systems, and building codes as related to interior architecture. investigation of interior finishes and materials, fire performance characteristics of materials, and material specifications. Field trips to actual construction sites when available.									
FAR	ART	ART	2670	Computer-Aided Design: Professional Applications	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 2600									
				Instruction of computer-aided design applications to support the generation of architectural floor plans, elevations, schedules and details in construction documents.									
FAR	ART	ART	2710	Painting: Color, Form, Context	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
				Introduction to painting on a two-dimensional surface using wet and dry color media. Explore recent developments in realism and abstraction, structure and composition, color, flat pattern, modeling and light, paint handling, and texture. Media may include oil paint, acrylic paint, watercolor, airbrush, pen, ink, paper, canvas, panel, or other surfaces.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2710	Painting: Color, Form, Context	STU	ST	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Introduction to painting on a two-dimensional surface using wet and dry color media. Explore recent developments in realism and abstraction, structure and composition, color, flat pattern, modeling and light, paint handling, and texture. Media may include oil paint, acrylic paint, watercolor, airbrush, pen, ink, paper, canvas, panel, or other surfaces.									
FAR	ART	ART	2720	Painting: Alternative, Digital, Temporal Modes	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Introduction to alternative painting and drawing media and modes. Learn an array of flexible and expressive possibilities opening new dynamic, creative directions for the student. Integration of evolving new media platforms and artistic self-expression. Use art-making strategies in a variety of forms which may include mixed media, experimental art materials, installation, creating and manipulating images in digital formats, and time-based media.									
FAR	ART	ART	2720	Painting: Alternative, Digital, Temporal Modes	STU	ST	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Introduction to alternative painting and drawing media and modes. Learn an array of flexible and expressive possibilities opening new dynamic, creative directions for the student. Integration of evolving new media platforms and artistic self-expression. Use art-making strategies in a variety of forms which may include mixed media, experimental art materials, installation, creating and manipulating images in digital formats, and time-based media.									
FAR	ART	ART	2810	Film Photography	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Covers fundamental technical and conceptual issues of traditional analog photography. Skills covered include camera operation, film processing, printing, and principles of composition. In addition, slide lectures address pertinent issues in the history and current practice of photography. Through a combination of lectures, critiques, and workshops students learn the fundamentals of traditional silver printing as well as basic camera controls and other skills essential to future work in photography. Both black and white and color processes are examined.									
FAR	ART	ART	2820	Digital Photography	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Invites students to explore the possibilities of digital processes. Through class, workshops and demonstrations students learn the basics of Photoshop and become familiar with other digital programs. Others skills include scanning and printing as well as digital camera operation. Class lectures address cultural, social and ethical issues involving digital practice and explore the broad cultural shift from analog to digital media. Students are expected to become competent in various areas of digital practice and to test its possibilities.									
FAR	ART	ART	2900	Studio Art Topics	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Soph or Jr or Sr) and (2 Courses (ART 1200 or 1210 or 1220 or 1230))									
		COURSE DESC:		Introduces topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinarity. Students will research and address topical or media specific concerns through scholarly and studio approaches. Offers experiences in the most current topics/themes in the professional practice of art.									
FAR	ART	ART	2902	Figure and Gender	LAB	LB	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.									
FAR	ART	ART	2902	Figure and Gender	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240									
		COURSE DESC:		Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.									
FAR	ART	ART	2970T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	2971T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	2980T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	2981T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	3000J	Criticism in the Visual Arts	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two courses (AH 2110 or 2120 or 2130)									
		COURSE DESC:		Composition class designed to encourage understanding of historical perspectives in critical writings on visual arts. Students read and examine written criticism; develop research, grammar, and editing skills; and write analytical descriptive essays on appropriate visual arts subjects.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3100	Museum Fundamentals I	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and Jr or higher							
		COURSE DESC:		This is part one of a two-semester core survey course concentrating on fundamental methods and experiences pertinent to the museum field as preparation for students pursuing graduate degrees in museum studies or careers within museum professions. Provides an overview of the purpose, function, and history of museums and their role in society, and introduces best practices and contemporary issues in museums.									
FAR	ART	ART	3210	Advanced Ceramics	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2210 and 2220 and (two 2000-level studio art courses)							
		COURSE DESC:		Exploration of alternative construction and surface application techniques in ceramics to foster expressive sophistication. Plaster and non-plaster molds are introduced as tools for ceramic construction and to discuss contemporary issues in ceramics such as the reproduction, the found object, and the multiple.									
FAR	ART	ART	3220	Glaze Calculation & Materials	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2210 and 2220 and (two 2000-level studio art courses)							
		COURSE DESC:		Explores clay and glaze calculation techniques. Students investigate ceramic materials and firing processes relevant to producing ceramic art.									
FAR	ART	ART	3220	Glaze Calculation & Materials	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2210 and 2220 and (two 2000-level studio art courses)							
		COURSE DESC:		Explores clay and glaze calculation techniques. Students investigate ceramic materials and firing processes relevant to producing ceramic art.									
FAR	ART	ART	3230	Ceramics Wheel Throwing II	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240 and 2220							
		COURSE DESC:		The class is designed to reinforce basic wheel throwing techniques and to introduce new technical and innovative approaches on the potter's wheel. The alteration of wheel thrown forms and the process of creating forms of greater complexity with multiple parts are emphasized. Utilitarian pottery is explored through the use of the potter's wheel, coupled with hand building and mold making techniques. The class also examines how the alteration of wheel thrown forms can be an effective way of producing sculptural objects. Clay and glaze chemistry are approached through ceramic material testing and kiln firings. Group and individual critiques take place at the end of each kiln firing.									
FAR	ART	ART	3230	Ceramics Wheel Throwing II	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240 and 2220							
		COURSE DESC:		The class is designed to reinforce basic wheel throwing techniques and to introduce new technical and innovative approaches on the potter's wheel. The alteration of wheel thrown forms and the process of creating forms of greater complexity with multiple parts are emphasized. Utilitarian pottery is explored through the use of the potter's wheel, coupled with hand building and mold making techniques. The class also examines how the alteration of wheel thrown forms can be an effective way of producing sculptural objects. Clay and glaze chemistry are approached through ceramic material testing and kiln firings. Group and individual critiques take place at the end of each kiln firing.									
FAR	ART	ART	3310	Public Spheres & Dissemination Tactics	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses							
		COURSE DESC:		Explores the use and understanding of Site, public venues, and the implications of methods and modes of dissemination. Social and historic complexities surrounding the source and the use of material and labor resources used in the production of work are investigated.									
FAR	ART	ART	3320	Content & Concept in Material & Form	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses							
		COURSE DESC:		Through the development of a portfolio of work, students explore how choices and shifts of formal considerations, material, scale, and other physical properties of the art object contribute to and can affect content and interpretation.									
FAR	ART	ART	3320	Content & Concept in Material & Form	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses							
		COURSE DESC:		Through the development of a portfolio of work, students explore how choices and shifts of formal considerations, material, scale, and other physical properties of the art object contribute to and can affect content and interpretation.									
FAR	ART	ART	3410	Advanced Prints	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses							
		COURSE DESC:		Supervised studio experience in printmaking media (intaglio, lithography, relief, and/or serigraphy); includes demonstrations and lectures on related topics. Emphasis on development of techniques and concepts of printmaking.									
FAR	ART	ART	3420	Papermaking	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses							
		COURSE DESC:		Papermaking language, history, and application as it relates to 2-dimensional art works, books, and 3-dimensional constructions.									
FAR	ART	ART	3420	Papermaking	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses							
		COURSE DESC:		Papermaking language, history, and application as it relates to 2-dimensional art works, books, and 3-dimensional constructions.									
FAR	ART	ART	3510	Graphic Design Studio I	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2510 and ART 2520							
		COURSE DESC:		Exploration of concepts of color and symbolic form, including logos, marks, icons, and logo types, and their use in the creation of meaning in design systems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3520	Graphic Design Studio II	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3510									
		COURSE DESC:		Emphasis on intermediate typography as visual form and communication. Creation of multi-paged formats with consideration of sequence, repetition, flow, graphic and semantic content, and the context of meaning.									
FAR	ART	ART	3520	Graphic Design Studio II	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3510									
		COURSE DESC:		Emphasis on intermediate typography as visual form and communication. Creation of multi-paged formats with consideration of sequence, repetition, flow, graphic and semantic content, and the context of meaning.									
FAR	ART	ART	3530	Letterpress and Bookmaking	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART Major									
		COURSE DESC:		An introduction to handprinting techniques utilizing the letterpress, with emphasis on the design and making of the handmade book.									
FAR	ART	ART	3540	Media	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART Major									
		COURSE DESC:		Time-based study of motion, light, and sound with emphasis on Web communication and design. Development of working methodologies specific to the nonlinear construction of information for Web-based media technologies.									
FAR	ART	ART	3540	Media	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART Major									
		COURSE DESC:		Time-based study of motion, light, and sound with emphasis on Web communication and design. Development of working methodologies specific to the nonlinear construction of information for Web-based media technologies.									
FAR	ART	ART	3550	Animation	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART Major									
		COURSE DESC:		Design problems in animation including basic methods and camera techniques.									
FAR	ART	ART	3550	Animation	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART Major									
		COURSE DESC:		Design problems in animation including basic methods and camera techniques.									
FAR	ART	ART	3560X	Student Design Agency	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Portfolio review and permission required									
		COURSE DESC:		Emphasis on practical issues applied to real-world experience in a professional design agency setting. Involves responsibilities and procedures for the creation and production of communication solutions for on and off-campus, including non-profit organizations.									
FAR	ART	ART	3560X	Student Design Agency	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Portfolio review and permission required									
		COURSE DESC:		Emphasis on practical issues applied to real-world experience in a professional design agency setting. Involves responsibilities and procedures for the creation and production of communication solutions for on and off-campus, including non-profit organizations.									
FAR	ART	ART	3600	Interior Architecture Studio III	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2620									
		COURSE DESC:		Intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	3600	Interior Architecture Studio III	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2620									
		COURSE DESC:		Intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	3620	Interior Architecture Studio IV	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600									
		COURSE DESC:		Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3620	Interior Architecture Studio IV	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600									
		COURSE DESC:		Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	3620	Interior Architecture Studio IV	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600									
		COURSE DESC:		Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	3631	Interior Architecture Pre-Professional Internship	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600									
		COURSE DESC:		Students in this course identify, explore, and seek to obtain a professional design employment internship experience that synthesizes discipline specific work and academic study. This course provides Interior Architecture majors with the skills and understanding required to obtain a professional internship. This course must be completed prior to undertaking the IA program required internship course, ART 3632.									
FAR	ART	ART	3640	History of Furniture and Interior Design I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.									
FAR	ART	ART	3650	History of Furniture and Interior Design II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.									
FAR	ART	ART	3660	Professional Practices in Interior Design	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Investigation and application of business procedures, types of business, insurance, liabilities, contractual agreements, and the support materials needed to operate a professional design practice. Professional presentation skills explored.									
FAR	ART	ART	3670	Construction Documents	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600 or concurrent									
		COURSE DESC:		Study and production of construction documents as architectural graphic communications. Construction documents present and communicate specific dimensions and materials required to physically construct interior environments. Students will engage industry standards, learn to critically evaluate design proposals in terms of construction potentials, critically use professional processes, methods and techniques and learn to communicate effectively with these standards.									
FAR	ART	ART	3670	Construction Documents	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 3600 or concurrent									
		COURSE DESC:		Study and production of construction documents as architectural graphic communications. Construction documents present and communicate specific dimensions and materials required to physically construct interior environments. Students will engage industry standards, learn to critically evaluate design proposals in terms of construction potentials, critically use professional processes, methods and techniques and learn to communicate effectively with these standards.									
FAR	ART	ART	3710	Advanced Painting and Drawing: Investigative modes; Defining trajectories	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2710 and 2720 and two 2000-level Studio Art courses									
		COURSE DESC:		Students apply all skills acquired during their course of study towards the development of a cohesive body of artwork. The focus of the class is to provide a concentrated, non-media-specific forum for students to receive rigorous feedback from faculty and peers. Analytical and conceptual contextualization of art making are emphasized.									
FAR	ART	ART	3710	Advanced Painting and Drawing: Investigative modes; Defining trajectories	STU	ST	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2710 and 2720 and two 2000-level Studio Art courses									
		COURSE DESC:		Students apply all skills acquired during their course of study towards the development of a cohesive body of artwork. The focus of the class is to provide a concentrated, non-media-specific forum for students to receive rigorous feedback from faculty and peers. Analytical and conceptual contextualization of art making are emphasized.									
FAR	ART	ART	3810	Advanced Photography	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2810 and 2820 and (two 2000-level studio art courses)									
		COURSE DESC:		Addresses a range of technical and critical problems within the discipline including camera formats other than 35mm.									
FAR	ART	ART	3820	Photographic Arts	LAB	LB	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2810 and 2820 and two 2000-level Studio Art courses									
		COURSE DESC:		Addresses historical, critical, and theoretical issues common to photography and other mediums with an eye to their development and exploration in the student's work.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3820	Photographic Arts	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2810 and 2820 and two 2000-level Studio Art courses							
		COURSE DESC:		Addresses historical, critical, and theoretical issues common to photography and other mediums with an eye to their development and exploration in the student's work.									
FAR	ART	ART	3900	Studio Art Topics	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Jr or Sr) and two 2000-level Studio Art courses							
		COURSE DESC:		Addresses topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinary. Students will research and address topical or media specific concerns via studio and scholarly approaches. Offers experiences in the most current topics/themes in the professional practice of art.									
FAR	ART	ART	3902	Study Abroad Interior Architecture	LAB	LB	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and (Soph or Jr or Sr)							
		COURSE DESC:		International study and travel experience focused on seeing, analyzing, and researching design, architecture, art and culture of selected foreign locations.									
FAR	ART	ART	3902	Study Abroad Interior Architecture	LEC	LE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and (Soph or Jr or Sr)							
		COURSE DESC:		International study and travel experience focused on seeing, analyzing, and researching design, architecture, art and culture of selected foreign locations.									
FAR	ART	ART	3922	Museum Fundamentals II - Practicum	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 3100							
		COURSE DESC:		Museum Fundamentals II builds on knowledge acquired in Museum Fundamentals I. Working as a cohort, under the guidance of museum staff, students will collaborate and share responsibilities for researching, planning, designing, interpreting, and installing a cohesive exhibition utilizing various collections located on the Ohio University campus. The course concludes with an exhibition, programming, and opening reception for the public.									
FAR	ART	ART	3970T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	3980T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	3990	Autopsical Art	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Jr or Sr							
		COURSE DESC:		CR Provides the University student with a unique experience in understanding and developing aesthetic alternatives.									
FAR	ART	ART	4000	Critique Community	LEC	LE	4	16		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BFA studio art major and (4 course in 3000-level studio art)							
		COURSE DESC:		A multi- and interdisciplinary studio workshop for the development of individual fine arts practices. Students will pursue individual projects of study, research, and studio production exploring how means, methods, forms, and strategies for exhibition or dissemination are appropriate to project goals and work content. Students will further develop studio work and interests initiated in their concentrated area of study and experience and create new work for a culminating thesis project. Ongoing critique experiences with other advanced students from all areas of fine arts will guide project progress. Discussion and readings will aid students' understanding of how their individual practice and goals reside in discourse with larger movements, positions, and activities of the field of contemporary art. Practice with the presentation of ideas and concepts inherent in the work verbally and in written statements will supplement studio production.									
FAR	ART	ART	4510	Graphic Design Studio III	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 3520							
		COURSE DESC:		Meaning construction through "personal voice," exploration of experimental image making and advanced typographical design in the context of various applications.									
FAR	ART	ART	4520	Graphic Design Studio IV	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 4510							
		COURSE DESC:		Emphasis on development/execution/presentation of self-directed project for thesis show.									
FAR	ART	ART	4520	Graphic Design Studio IV	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 4510							
		COURSE DESC:		Emphasis on development/execution/presentation of self-directed project for thesis show.									
FAR	ART	ART	4530	Graphic Design Topics	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Intended as a historical reference relating to the discipline. Theory and practice of the graphic design profession (not a studio course).									
FAR	ART	ART	4530	Graphic Design Topics	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Intended as a historical reference relating to the discipline. Theory and practice of the graphic design profession (not a studio course).									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	4600	Interior Architecture Studio V	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 3620									
				Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	4600	Interior Architecture Studio V	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 3620									
				Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	ART	4620	Senior Seminar--Professional Evaluation	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ART 2920									
				Provides opportunity for students to demonstrate personal growth by sharing experiences in verbal and written form with faculty and fellow students.									
FAR	ART	ART	4630	Design Issues & Contemporary Practices: Research, Programming & Thesis Preparation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ART 4600 and 4610) or concurrent									
				Research methodologies and programming as related to interior architecture. Related topics include behavior-environment relationships, study of precedents in design typologies, and foundations in design appropriateness. Work in class directly relates to the development of project statement, program, research, and analysis for senior thesis project.									
FAR	ART	ART	4900	Studio Art Topics	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Two 3000-level Studio Art courses and Sr									
				Addresses topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinary in a manner that focuses on advanced explorations and self-directed research. Students will research and address topical or media specific concerns via studio and scholarly approaches. Offers experiences in the most current topics/themes in the professional practice of art.									
FAR	ART	ART	4920	Service Learning in the Visual Arts	PRA	PR	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Gives students opportunities to make meaningful connections between artistic and design practice and service. Students may engage in field experiences that involve providing art instruction in an institutional environment or working in collaborative art or design settings. Students will be introduced to the range of issues faced by artists and designers who choose to work in a service capacity.									
FAR	ART	ART	4930	Independent Study-Projects	IND	IS	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Permission required and ART major and Sr only									
				PR									
				Projects, ideas, or explorations that cannot reasonably be made within regular course structures. Credit as non-studio elective only.									
FAR	ART	ART	4932	Independent Study-Readings	IND	IS	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Permission required and ART major and Sr only									
				PR									
				Reading and research for studio investigations. Intended for work that is not a reasonable part of regular studio courses. Credit as elective only.									
FAR	ART	ART	4950	Studio Art BFA Practicum	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: BFA major and Sr only									
				CR, PR									
				Preparation for senior presentation and portfolio. Requirement for all BFA studio majors.									
FAR	ART	ART	4952	Studio Art BFA Exhibit	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: BFA major and Sr only									
				CR, PR									
				Completion and installation of BFA Exhibition. Requirement for all studio majors.									
FAR	ART	ART	4952	Studio Art BFA Exhibit	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: BFA major and Sr only									
				CR, PR									
				Completion and installation of BFA Exhibition. Requirement for all studio majors.									
FAR	ART	ART	4954	Graphic Design Practicum	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: ART 3520 and Sr only									
				CR, PR									
				Preparation for senior presentation and portfolio. Requirement for all studio majors.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	4956	Graphic Design BFA Exhibit	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 3520 and Sr only									
		COURSE DESC:		Completion and installation of BFA Exhibition. Requirement for all studio majors.									
FAR	ART	ART	4956	Graphic Design BFA Exhibit	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 3520 and Sr only									
		COURSE DESC:		Completion and installation of BFA Exhibition. Requirement for all studio majors.									
FAR	ART	ART	4958	Interior Architecture VI: Thesis Studio	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 4600 and Sr only									
		COURSE DESC:		A cap-stone studio course, where students select, develop, and present a complete interior design project with direction and consultation of a faculty advisor. The final work selection, development, and overall character will be approved by designated IA Faculty. Requires the application of interdisciplinary knowledge, synthesized with experienced gained in prior studios and coursework. Thesis includes a final exhibition in a public venue. Student must maintain computer workstation in the design studio.									
FAR	ART	ART	4958	Interior Architecture VI: Thesis Studio	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 4600 and Sr only									
		COURSE DESC:		A cap-stone studio course, where students select, develop, and present a complete interior design project with direction and consultation of a faculty advisor. The final work selection, development, and overall character will be approved by designated IA Faculty. Requires the application of interdisciplinary knowledge, synthesized with experienced gained in prior studios and coursework. Thesis includes a final exhibition in a public venue. Student must maintain computer workstation in the design studio.									
FAR	ART	ART	4960	BA Studio Art Practicum	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BA Studio Art major and (2 courses in studio art at 3000 or 4000 level) and Sr									
		COURSE DESC:		A capstone experience for BA studio art majors. Students will learn more about career possibilities in the arts and how to market their skills based on their career goals. This course includes a capstone project that can take the form of a research paper, publication/book, or community project/exhibition that synthesizes the interdisciplinary work and research developed throughout the course of the BA studio art program.									
FAR	ART	ART	4960	BA Studio Art Practicum	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BA Studio Art major and (2 courses in studio art at 3000 or 4000 level) and Sr									
		COURSE DESC:		A capstone experience for BA studio art majors. Students will learn more about career possibilities in the arts and how to market their skills based on their career goals. This course includes a capstone project that can take the form of a research paper, publication/book, or community project/exhibition that synthesizes the interdisciplinary work and research developed throughout the course of the BA studio art program.									
FAR	ART	ART	4970T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on studio art topics.									
FAR	ART	ART	4980T	Studio Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	ART	4990	Art in Your Life	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		Designed to provide an alternative approach to the thinking and making of art.									
FAR	ART	ART	5000	Graduate Teaching Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Assists graduate associates with practical and pedagogic support. Coursework investigates issues specific to teaching in the studio.									
FAR	ART	ART	5100	Museum Fundamentals I	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This is part one of a two-semester core survey course concentrating on fundamental methods and experiences pertinent to the museum field as preparation for students pursuing graduate degrees in museum studies or careers within museum professions. Provides an overview of the purpose, function, and history of museums and their role in society, and introduces best practices and contemporary issues in museums.									
FAR	ART	ART	5110	Digital Media	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on advanced use of digital media. Content varies with each offering.									
FAR	ART	ART	5110	Digital Media	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on advanced use of digital media. Content varies with each offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5120	Drawing	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5120	Drawing	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5120	Drawing	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5210	Ceramics	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5210	Ceramics	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5210	Ceramics	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5220	Ceramics II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5210									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5220	Ceramics II	SEM	SE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5210									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5310	Sculpture	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5310	Sculpture	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5320	Sculpture II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5310									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5320	Sculpture II	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5310									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5320	Sculpture II	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5310									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5410	Printmaking	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5410	Printmaking	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5420	Printmaking II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5420	Printmaking II	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5420	Printmaking II	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5510	Graphic Design I	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Grad Standing									
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process.									
FAR	ART	ART	5510	Graphic Design I	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Grad Standing									
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process.									
FAR	ART	ART	5520	Graphic Design II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process. Includes investigation to identify a site for the research to be conducted during ART 6510.									
FAR	ART	ART	5520	Graphic Design II	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process. Includes investigation to identify a site for the research to be conducted during ART 6510.									
FAR	ART	ART	5530	Letterpress and Bookmaking	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5510									
		COURSE DESC:		An introduction to handprinting techniques utilizing the letterpress, with emphasis on the design and making of the handmade book.									
FAR	ART	ART	5530	Letterpress and Bookmaking	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5510									
		COURSE DESC:		An introduction to handprinting techniques utilizing the letterpress, with emphasis on the design and making of the handmade book.									
FAR	ART	ART	5540	Typography and Image	LAB	LB	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Experimentation and integration of typography for form and meaning in a variety of contexts. Use of traditional and experimental methods and materials to support and strengthen meaning and purpose.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5540	Typography and Image	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Experimentation and integration of typography for form and meaning in a variety of contexts. Use of traditional and experimental methods and materials to support and strengthen meaning and purpose.									
FAR	ART	ART	5620	Methods for Teaching Art	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on methods and materials for teaching art to students in grades K-12. Students develop learning units with relevant teaching components organized around specific art concepts and produce assessment mechanisms for the evaluation of student art projects in alignment with state and national art education standards. Supervised clinical teaching experiences in the public schools are required.									
FAR	ART	ART	5620	Methods for Teaching Art	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on methods and materials for teaching art to students in grades K-12. Students develop learning units with relevant teaching components organized around specific art concepts and produce assessment mechanisms for the evaluation of student art projects in alignment with state and national art education standards. Supervised clinical teaching experiences in the public schools are required.									
FAR	ART	ART	5640	History of Furniture and Interiors I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.									
FAR	ART	ART	5640	History of Furniture and Interiors I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.									
FAR	ART	ART	5650	History of Furniture and Interiors II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.									
FAR	ART	ART	5650	History of Furniture and Interiors II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.									
FAR	ART	ART	5710	Painting	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5710	Painting	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5720	Painting II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5710									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5720	Painting II	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5710									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5720	Painting II	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5710									
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5810	Photography	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	ART	5810	Photography	LEC	EL	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Seminar content will vary.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5810	Photography	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar content will vary.									
FAR	ART	ART	5820	Photography II	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5810									
		COURSE DESC:		CR, PR Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5820	Photography II	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5810									
		COURSE DESC:		CR, PR Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	ART	5900	Studio Art Topics	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Addresses topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinarity in a manner that focuses on advanced explorations and self-directed research. Students will research and address topical or media specific concerns via studio and scholarly approaches. Offers experiences in the most current topics/themes in the professional practice of art.									
FAR	ART	ART	5920	Service Learning in the Visual Arts	PRA	PR	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Gives students opportunities to make meaningful connections between studio art and design practice and service. Students may engage in field experiences that involve providing art instruction in an institutional environment or working in collaborative art or design settings. Students will be introduced to the range of issues faced by studio artists and designers who choose to work in a service capacity.									
FAR	ART	ART	5922	Museum Fundamentals II - Practicum	PRA	PR	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 5100 and permission required									
		COURSE DESC:		Museum Fundamentals II builds on knowledge acquired in Museum Fundamentals I. Working as a cohort, under the guidance of museum staff, students will collaborate and share responsibilities for researching, planning, designing, interpreting, and installing a cohesive exhibition utilizing various collections located on the Ohio University campus. The course concludes with an exhibition, programming, and opening reception for the public.									
FAR	ART	ART	5930	Independent Study-Projects	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Independent research projects will vary with each offering.									
FAR	ART	ART	5932	Independent Study-Readings	IND	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study readings based on Studio Art projects will vary with each offering.									
FAR	ART	ART	5932	Independent Study-Readings	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Independent study readings based on Studio Art projects will vary with each offering.									
FAR	ART	ART	6000	Interdisciplinary Seminar	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Readings, discussions, and presentations exploring relationship between various visual arts disciplines.									
FAR	ART	ART	6010	Thesis Proposal Seminar	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Prepares students to become effective speakers and writers of thesis project proposals.									
FAR	ART	ART	6020	Professional Practices	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR The goal of this course is to equip third- and second-year studio graduate students with the necessary skill sets in designing, editing, and marketing their professional presentation toward expanding the possibilities and effectiveness of their use in post-graduate applications.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	6200	Ceramics Seminar	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Lectures, discussions, field trips, slide and film presentations dealing with contemporary issues in ceramic art.									
FAR	ART	ART	6210	Ceramics III	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6210	Ceramics III	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6210	Ceramics III	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6220	Ceramics IV	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6220	Ceramics IV	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6300	Sculpture Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Projects, research, and discussion of topics of specific interest and concern to sculptors.									
FAR	ART	ART	6310	Sculpture III	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6310	Sculpture III	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6320	Sculpture IV	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6310									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6320	Sculpture IV	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6310									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6400	Printmaking Seminar	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Discussions, readings, presentations, and papers on topics of specific interest and concern to printmakers.									
FAR	ART	ART	6400	Printmaking Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Discussions, readings, presentations, and papers on topics of specific interest and concern to printmakers.									

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FAR	ART	ART	6410	Printmaking III	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5420									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6410	Printmaking III	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5420									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6420	Printmaking IV	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6410									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6420	Printmaking IV	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6410									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6500	Graphic Design Seminar	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520									
		COURSE DESC:		Lectures, discussions, field trips, and media presentations dealing with contemporary issues of critical discourse in design and the related social dynamic. Seminar content will vary.									
FAR	ART	ART	6510	Graphic Design Research Fellowship	LAB	LB	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520									
		COURSE DESC:		Participation in a design internship/assistantship with a recognized designer or design firm, or a study abroad experience related to the field of research chosen and approved by the student's committee.									
FAR	ART	ART	6520	Graphic Design III	LEC	LE	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520									
		COURSE DESC:		Continued research of various design paradigms will be explored through the rebuilding of the pragmatic design processes. A comparative analysis process will prepare students for the thesis and third year of visual research. The design thesis proposal will be presented for approval.									
FAR	ART	ART	6700	Painting Seminar	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Discussions, readings, presentations, and papers related to developments in recent painting.									
FAR	ART	ART	6700	Painting Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Discussions, readings, presentations, and papers related to developments in recent painting.									
FAR	ART	ART	6710	Painting III	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5720									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6710	Painting III	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5720									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6720	Painting IV	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6710									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6720	Painting IV	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6710									
		COURSE DESC:		Development of concepts leading toward studio thesis.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	6800	Photography Seminar	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Readings, research, presentations, papers, discussions, field trips, and lectures concerning specific issues of interest to artists working with photographic media.									
FAR	ART	ART	6800	Photography Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Readings, research, presentations, papers, discussions, field trips, and lectures concerning specific issues of interest to artists working with photographic media.									
FAR	ART	ART	6810	Photography III	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5820									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6810	Photography III	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5820									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6820	Photography IV	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6810									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6820	Photography IV	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6810									
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	ART	6900	Special Topics in Art	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	ART	6900	Special Topics in Art	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	ART	6950	Studio Art Written Thesis	THE	TH	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Written studio art thesis.									
FAR	ART	ART	7960	MFA Studio Thesis	LEC	LE	1 to 15	45		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Seminar content will vary.									
FAR	ART	T3	4600	Visual Culture Studies	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier II completed and Sr only									
		COURSE DESC:		Presents thematic overview of issues and approaches to visual culture. Concerned with objects and spaces that are designed and/or manufactured. Covers topics found normally in such disciplines as art, architecture and urban planning, anthropology, communications, environmental studies, women's studies, museum studies, sociology, criminology, physical education, fashion design, interior design, graphic design and advertising, and photography, to name a few. Interdisciplinary in the way topics are covered in that these will be studied using a variety of methods borrowed from a number of disciplines.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	1010	Intro to Modern Dance	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Introduces students to the genre of dance known as modern dance technique. Students develop an understanding of movement in relation to space, time, and energy through movement practice and experimentation and become familiar with body awareness, movement control, body parts, placement, and the kinesthetic sense. Critical thinking on dance as art is developed through class discussion of live dance performances and classroom movement projects utilizing knowledge gained.									
FAR	DFT	DANC	1020	Intro to Dance Ballet	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: An introductory in the basic movement vocabulary and style of classical ballet technique. Classes consist of barre work and center floor work that develops strength, flexibility, and coordination. Ballet movement skills may be taught in the Cecchetti, Russian, or French style and will emphasize proper body alignment/placement, feet and arm positions, and movement combinations that utilize the classical ballet movements learned in class.									
FAR	DFT	DANC	1040	Intro to Dance Jazz I	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: An introduction to jazz dance techniques and jazz dance styles. Emphasis will be placed on developing basic jazz skills that serve as the foundation for all styles of jazz dance from vernacular through hip-hop. Students will learn the dance vocabulary that is specific to jazz dance and that incorporates strength, flexibility, coordination, and rhythmic awareness.									
FAR	DFT	DANC	1050	Introduction to African Dance Technique	STU	ST	1.5	3		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		CR	Requiesite: Introduction to traditional dances of Africa. Will focus on developing a balanced practical and theoretical understanding of the dances and related traditional rhythms and songs. It will explore basic African dance movements coming from secular and social dances, focusing on their quality, timing, and spatial organization. Over the course of 14 weeks the students will learn approximately 6 dance types from 6 different ethnic groups. No prior African dance experience in necessary.								
FAR	DFT	DANC	1110	Music for Dance I	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Nature and principles of rhythmic structure in dance and music.									
FAR	DFT	DANC	1110	Music for Dance I	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Nature and principles of rhythmic structure in dance and music.									
FAR	DFT	DANC	1210	Modern Dance Technique I	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Introduction to basic technical skills of modern dance, including alignment, strength, flexibility, rhythmic accuracy, and reproduction of a movement shape.									
FAR	DFT	DANC	1211	Modern Dance Technique II	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: DANC 1210 Development of basic technical skills of modern dance, including alignment, strength, flexibility, rhythmic accuracy, and reproduction of a movement shape building on materials from DANC 1210.									
FAR	DFT	DANC	1220	Ballet Technique I	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Introduction to ballet and the development of basic technical skills within the classical ballet tradition. Execution of basic ballet vocabulary with an emphasis on classical line.									
FAR	DFT	DANC	1221	Ballet Technique II	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: DANC 1220 Continuation of 1220. Introduction to ballet and the development of basic technical skills within the classical ballet tradition. Execution of basic ballet vocabulary with an emphasis on classical line.									
FAR	DFT	DANC	1230	Beginning Dance Composition I	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	DANC	1230	Beginning Dance Composition I	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Dance major or minor Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	DANC	1231	Beginning Dance Composition II	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Requiesite: Continuation of 1230. Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									

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FAR	DFT	DANC	1231	Beginning Dance Composition II	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of 1230. Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	DANC	1240	Jazz Dance Technique I	STU	ST	1.5	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning through intermediate level instruction in various styles of jazz dance including the use of proper technique, performance quality, and rhythmic complexity. Development of movement skills from various styles of jazz through using a series of challenging exercises and movement phrases to improve technique and to build strength, stamina, and performance quality.									
FAR	DFT	DANC	1250	African Dance Technique I	STU	ST	1.5	3		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to traditional dances of Africa. Will focus on developing a balanced practical, and theoretical understanding of the dances and related traditional rhythms and songs. It will explore basic African dance movements coming from secular and social dances, focusing on their quality, timing and spatial organization. Over the course of 14 weeks the students will learn approximately 6 different dance types from 6 different ethnic groups. No prior African dance experience is necessary.									
FAR	DFT	DANC	1700	The Dance Experience	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A comprehensive course to introduce the beginning student to contemporary and classical dance forms including modern, ballet, and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to students' experiential learning.									
FAR	DFT	DANC	1700	The Dance Experience	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A comprehensive course to introduce the beginning student to contemporary and classical dance forms including modern, ballet, and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to students' experiential learning.									
FAR	DFT	DANC	1800	Summer Dance Experience	STU	ST	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This summer intensive course is a college-level introduction to the study of dance. Through experiential learning in dance technique, composition, improvisation, and somatic practices, students develop their skills and knowledge in movement, the creative process, and performance. Students also gain an understanding of community engagement and current professional practices in dance.									
FAR	DFT	DANC	1801	Dance Production I	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		The objective is to participate in as many capacities as possible; in all SOD performances this semester and to gain first hand experience of the process. Focuses on developing skills that will be useful in all aspects of Dance Production. Students will have the opportunity to increase their breadth of knowledge of dance production terminology and practice. They will have a good deal of practice developing time management skills for the field (how you prioritize your life around a performance). They will have practice developing teamwork skills- as all concerts are a team effort. Designed for dance major, but non-majors are welcome.									
FAR	DFT	DANC	1801	Dance Production I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		The objective is to participate in as many capacities as possible; in all SOD performances this semester and to gain first hand experience of the process. Focuses on developing skills that will be useful in all aspects of Dance Production. Students will have the opportunity to increase their breadth of knowledge of dance production terminology and practice. They will have a good deal of practice developing time management skills for the field (how you prioritize your life around a performance). They will have practice developing teamwork skills- as all concerts are a team effort. Designed for dance major, but non-majors are welcome.									
FAR	DFT	DANC	2010	Dance Technique II Modern	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A continuation of materials learned in Dance 1010. Students will hone their understanding of modern dance movement in relation to space, time, and energy/effort with increased awareness of rhythm, musicality, and movement phrasing. Movement materials and kinesthetic concepts will be more advanced and built upon the foundational elements of Dance 1010. Live dance performances and class movement projects form the basis of class discussion of dance as an art form.									
FAR	DFT	DANC	2020	Dance Technique II Ballet	STU	ST	1.5	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A continuation of Dance 1020. Students are expected to be familiar with basic ballet terminology including feet and arm positions, specific ballet steps including adagio and allegro combinations, basic turns and leaps in the classical ballet tradition. Expectations include improved technical movement skills, musical awareness, and introduction to performance qualities of classical ballet.									
FAR	DFT	DANC	2040	Dance Technique II Jazz	STU	ST	1.5	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continues the development of materials from Dance 1040 and introduces more challenging and complex movement skills and jazz dance combinations. It requires a higher degree of stamina, strength and flexibility than Dance 1040 and begins to emphasize the aesthetic and expressive elements of Jazz dance performance.									

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FAR	DFT	DANC	2050	African Dance Technique II	STU	ST	1.5	3		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: DANC 1050									
		COURSE DESC:		Traditional dances of Africa. This is the second course in the series of African dance technique. Students will learn to recognize movements, rhythms, songs, instruments and paraphernalia by country and selected ethnic groups through a practical and theoretical approach. It will explore intermediate African dance movements coming from ceremonial dances, focusing on facial expressions, meaning and execution of movement. Over the course of 14 weeks, students will learn approximately 6 different types of dance types from 6 different ethnic groups. Prior experience in African dance or DANC 1050 is recommended.									
FAR	DFT	DANC	2210	Modern Dance Technique III	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1211									
		COURSE DESC:		Development of basic technical skills for modern dance. More complex coordinations, which add more spatial and dynamic considerations.									
FAR	DFT	DANC	2211	Modern Dance Technique IV	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2210									
		COURSE DESC:		Continuation of 2210. Development of basic technical skills for modern dance. More complex coordinations, which add more spatial and dynamic considerations.									
FAR	DFT	DANC	2220	Ballet Technique III	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1221									
		COURSE DESC:		Expanded balletic movement vocabulary with continued emphasis on basic technical skills. Musicality emphasized.									
FAR	DFT	DANC	2221	Ballet Technique IV	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2220									
		COURSE DESC:		Continuation of 2220. Expanded balletic movement vocabulary with continued emphasis on basic technical skills. Musicality emphasized.									
FAR	DFT	DANC	2230	Intermediate Dance Composition I	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1231									
		COURSE DESC:		Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	DANC	2230	Intermediate Dance Composition I	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1231									
		COURSE DESC:		Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	DANC	2231	Intermediate Dance Composition II	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2230									
		COURSE DESC:		Continuation of 2230. Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	DANC	2231	Intermediate Dance Composition II	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2230									
		COURSE DESC:		Continuation of 2230. Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	DANC	2235	Dance Improvisation	STU	ST	1.5	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1231									
		COURSE DESC:		Exploration of choreographic concepts to develop unique, innovative movement vocabularies through the real-time immediacy of improvisation. Develop movement material into spontaneous, performable dances through improvisational structures and scores.									
FAR	DFT	DANC	2240	Jazz Dance Technique II	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1240 and dance major or minor									
		COURSE DESC:		Refinement of jazz dance skills through a more complex series of exercises, spatial progressions, and movement phases. Additional emphasis on performance quality, dynamics, and range of motion. Advanced development of skills that address the demands of pre-professional performance.									
FAR	DFT	DANC	2250	African Dance Technique II	STU	ST	1.5	3		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1250 and dance major or minor									
		COURSE DESC:		Traditional dances of Africa. Students will learn to recognize movements, rhythms, songs, instruments, and paraphernalia by country and selected ethnic groups through a practical and theoretical approach. Will explore intermediate African dance movements coming from ceremonial dances, focusing on facial expressions, meaning, and execution of movement. Six different dance types from 6 different ethnic groups will be learned.									
FAR	DFT	DANC	2561	Ethnic Dance of Western Cultures	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Dances from selected Western cultures with emphasis on style and related folklore.									
FAR	DFT	DANC	2561	Ethnic Dance of Western Cultures	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Dances from selected Western cultures with emphasis on style and related folklore.									

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FAR	DFT	DANC	2700	History, Traditions and Languages of Dance	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Art of dance from broad point of view, involving dance viewing, literature, and participation. Deals with aesthetic, physiological, social, and cultural aspects.									
FAR	DFT	DANC	2710	Black Dance Forms	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Familiarizes students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performances, and studio practice contribute to the students' experiential learning.									
FAR	DFT	DANC	2710	Black Dance Forms	STU	ST	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Familiarizes students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performances, and studio practice contribute to the students' experiential learning.									
FAR	DFT	DANC	2801	Lighting for Dance	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: DANC 1801									
		COURSE DESC:		A course in theatrical lighting for dance presented through lecture/demonstrations, hand-outs, hands-on experiences, self exploration outside of class, field trips and laboratory experiences. Explores and provides practical experiences with the following elements of dance lighting: -Tools of Lighting Design: Angle, Intensity, color, movement -Understanding Dances and Choreographers -Cueing a dance -Stage Management of lighting design -Basic moving lights concepts									
FAR	DFT	DANC	2801	Lighting for Dance	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: DANC 1801									
		COURSE DESC:		A course in theatrical lighting for dance presented through lecture/demonstrations, hand-outs, hands-on experiences, self exploration outside of class, field trips and laboratory experiences. Explores and provides practical experiences with the following elements of dance lighting: -Tools of Lighting Design: Angle, Intensity, color, movement -Understanding Dances and Choreographers -Cueing a dance -Stage Management of lighting design -Basic moving lights concepts									
FAR	DFT	DANC	2900	Special Topics in Dance	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	DANC	2900	Special Topics in Dance	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	DANC	2970T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	2971T	Dance Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	2980T	Dance Tutorial	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	2981T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	3010	Dance Technique III Modern ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A continuation of materials learned in Dance 2010. An intermediate/advanced level course in modern dance technique this course develops skills in more complex movement phrasing requiring a good background in stationary and traveling dance combinations, physical strength, flexibility and coordination. Live dance performances and class movement projects form the basis of class discussion of dance as an art form. For serious, non-major modern dancers.	STU	ST	1.5	3		N	U30		0
FAR	DFT	DANC	3020	Dance Technique III Ballet ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A continuation of materials learned in Dance 2020. Emphasis will be placed on mastery of intermediate difficulty movement skills including longer adagio and allegro combinations requiring technical proficiency, musical phrasing and stamina. For serious, non-major ballet dancers.	STU	ST	1.5	3		N	U30		0
FAR	DFT	DANC	3040	Dance Technique III Jazz ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A continuation of materials learned in Dance 2040. Students are expected to be intermediate level jazz dancers with a good command of the jazz dance vocabulary, strength, stamina, coordination, and flexibility. Emphasis will be placed on increased mastery of jazz dance vocabulary and increased understanding and demonstration of the aesthetics and performance elements of Jazz dance in all course materials. For serious, non-major jazz dancers.	STU	ST	1.5	3		N	U30		0
FAR	DFT	DANC	3050	African Dance Technique III ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: Traditional dances of Africa. This is the third course in the series of African Dance Technique. Will focus on complex religious and ceremonial dances as performed in their traditional setting. The student will begin to learn how to perform these dances at a professional level. Over the course of 14 weeks the student will learn approximately 6 different dance types from 6 different ethnic groups. Prior experience in African dance of DANC 2050 is recommended.	STU	ST	1.5	3		N	U10		0
FAR	DFT	DANC	3120	Music for Dance II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Also for music composition majors who wish to write for dance theater. History of music for dance. Choreographer-composer relationship.	STU	ST	1	2		N	U30		0
FAR	DFT	DANC	3130	Dance Notation I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Principles of dance notation.	LEC	LE	3	0		N	U30		0
FAR	DFT	DANC	3150	Laban Movement Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	LEC	EL	3	0		N	U30		0
FAR	DFT	DANC	3150	Laban Movement Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	LEC	LE	3	0		N	U30		0
FAR	DFT	DANC	3150	Laban Movement Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	STU	ST	3	0		N	U30		0
FAR	DFT	DANC	3210	Modern Dance Technique V ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.	STU	ST	2	4		N	U30		0
FAR	DFT	DANC	3211	Modern Dance Technique VI ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Continuation of 3210. Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.	STU	ST	2	4		N	U30		0
FAR	DFT	DANC	3220	Ballet Technique V ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Employment of technical skills through more complex balletic patterns and expanded classical vocabulary. Additional emphasis on performance, phrasing, and dynamics.	STU	ST	1.5	3		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	3221	Ballet Technique VI	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Continuation of 3220. Employment of technical skills through more complex balletic patterns and expanded classical vocabulary. Additional emphasis on performance, phrasing, and dynamics.									
FAR	DFT	DANC	3230	Advanced Dance Composition I	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3230	Advanced Dance Composition I	LEC	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3230	Advanced Dance Composition I	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3231	Advanced Dance Composition II	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Continuation of 3230. The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3231	Advanced Dance Composition II	LEC	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Continuation of 3230. The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3231	Advanced Dance Composition II	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Continuation of 3230. The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	DANC	3250	African Dance Technique III	STU	ST	1.5	3		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Will focus on complex religious and ceremonial dances as they are performed in their traditional settings. The student will begin to learn how to perform these dances at a professional level. It will include arranging and performing both traditional and contemporary African dances to be performed on a Western stage. Students will learn approximately 6 different dance types from 6 different ethnic groups as well as be invited to perform in the The Ohio University African Ensemble's Annual Concert.									
FAR	DFT	DANC	3280	Dance Repertory	STU	ST	1 to 2	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Rehearsal and performance of choreographic works taught by choreographer or reconstructors with aid of videotape, film, and/or dance scores.									
FAR	DFT	DANC	3300	Dance Kinesology I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	DANC	3300	Dance Kinesology I	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	DANC	3301	Pilates Reformer Training	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Designed to condition students using resistance training on the Universal Reformer and other Pilates apparatus. Students learn exercise principles and techniques on specialized equipment, focusing on correction of body alignment problems, muscle imbalances, strength, and flexibility.									
FAR	DFT	DANC	3302	Pilates Mat Training	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,					REQUISITE:				
		COURSE DESC:		CR Pilates Method of Body Conditioning and is appropriate for all levels of movement experience. The precision, control, and focus of the exercises enables students to balance the musculoskeletal system so that they are able to efficiently and safely practice other more rigorous, demanding physical disciplines. Includes laboratory practice of 45 mat exercises that train the muscles to improve body stability and mobility. The Pilates method develops precision coordination and concentration in movement while increasing strength and flexibility. Addresses injury rehabilitation from the perspective of preventive training.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	3303	Bartenieff Fundamentals	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Provides the student with an experiential approach to movement as a somatic (from soma, meaning body) study experience. Addresses Irmgard Bartenieff's (1890-1981) work, Basic Six Fundamentals exercises, their relationship to the Bonnie Bainbridge Cohen's six Developmental Patterns and enhancing one's movement facility through an approach based on these materials.									
				Fundamentals provides a framework for movement training through 1) open exploration, 2) discovery, 3) observation and 4) practice. Class work is designed to address common dance and non-dance movement issues.									
FAR	DFT	DANC	3304	Yoga: Principles and Practice	STU	ST	1	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to yoga, particularly the practices of asanas (poses), vinyasas (sequences), and pranayama (breathing techniques). Emphasizes developing a personal practice, sequencing poses and counterposes to promote safety, and practicing pranayama and mediation to improve concentration and body awareness. Readings and class discussions will provide an understanding of the history and philosophy of yoga. No yoga experience is required, but some movement background is helpful.									
FAR	DFT	DANC	3360	Dance Movement Lab	STU	ST	.5 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Addresses individual problems related to the production of movement. Means to augment physical function and expand the qualitative range of the mover are explored.									
FAR	DFT	DANC	3405	Dance Pedagogy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Dance major or minor									
		COURSE DESC:		Principles of teaching dance and their practical application for children and adults. Focus is on what "pedagogy" means and how it differs from curriculum and lesson planning. Includes lecture, discussion, and observation of studio dance classes in several different genres.									
FAR	DFT	DANC	3405	Dance Pedagogy	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Dance major or minor									
		COURSE DESC:		Principles of teaching dance and their practical application for children and adults. Focus is on what "pedagogy" means and how it differs from curriculum and lesson planning. Includes lecture, discussion, and observation of studio dance classes in several different genres.									
FAR	DFT	DANC	3550	Dance Cultures of the World I	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to dance cultures of world (excluding Western art dance). Function of dance in society and its relationship to other arts.									
FAR	DFT	DANC	3550	Dance Cultures of the World I	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to dance cultures of world (excluding Western art dance). Function of dance in society and its relationship to other arts.									
FAR	DFT	DANC	3801	Dance Production II	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: DANC 1801 CR									
		COURSE DESC:		The objective is to participate in as many capacities as possible, on all SOD performances this semester, and to gain experience building upon Dance 1801. Focuses on continued development of production skills in all aspects of Dance Production. You will have the opportunity to increased your breadth of knowledge of dance production terminology and practice. You will be assigned a "major job" as a department head for a concert this semester, and will experience all the duties, responsibilities, and techniques of that position. You will have practice developing your teamwork skills, as the leader of a team-- as all concerts are a team effort. Designed for dance majors, but non-majors are welcome.									
FAR	DFT	DANC	3970T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	3980T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	4010	Dance Technique IV Modern	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3010									
		COURSE DESC:		A continuation of materials learned in Dance 3010. It is an advanced level course expecting students to have previous training in modern dance technique. Students will develop skills in complex movement phrases, perform with strength, flexibility, and body coordination in a range of expressive movement qualities. Expectation of a level of sophistication in performance quality and requires exposure to live dance performance and to dance as an art form. For serious, non-major modern dancers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	4020	Dance Technique IV Ballet	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3020									
		COURSE DESC:		A continuation of materials learned in Dance 3020. Focus will be on upper intermediate technical skills requiring thorough knowledge of ballet vocabulary, directions, and stylistic concerns. May draw on classical ballet movement from the Cecchetti, Russian, French or Contemporary ballet styles. For serious, non-major ballet dancers.									
FAR	DFT	DANC	4040	Dance Technique IV Jazz	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3040									
		COURSE DESC:		A continuation of materials learned in Dance 3040. Students are expected to be upper intermediate level jazz dancers. Will hone technical jazz dance skills beyond those of the previous course and develop strong performance qualities in several different styles of jazz dance. Combinations will be longer and more challenging in terms of strength, range of motion, rhythm, and aesthetic point of view. For serious, non-major jazz dancers.									
FAR	DFT	DANC	4210	Modern Dance Technique VII	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3211									
		COURSE DESC:		Employment of technical skill to address the more subtle demands of performance focus, projection, expressivity, and dynamic range.									
FAR	DFT	DANC	4211	Modern Dance Technique VIII	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 4210									
		COURSE DESC:		Continuation of 4210. Employment of technical skill to address the more subtle demands of performance focus, projection, expressivity, and dynamic range.									
FAR	DFT	DANC	4220	Ballet Technique VII	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3221									
		COURSE DESC:		Employment of technical skills and performance demands within the classical ballet tradition at the advanced level.									
FAR	DFT	DANC	4221	Ballet Technique VIII	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 4220									
		COURSE DESC:		Continuation of 4220. Employment of technical skills and performance demands within the classical ballet tradition at the advanced level.									
FAR	DFT	DANC	4300	Dance Kinesiology II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3300 or 331									
		COURSE DESC:		Develops the concept of fitness in practice and theory as applied to dance. Strength, flexibility, aerobic conditioning, and relaxation as a part of the fitness continuum are explored through a variety of approaches to creating and attaining fitness goals. Helps students develop ability to construct anatomically and physiologically appropriate dance class material supported by knowledge of various somatic practices used as adjunct training disciplines in dance. Will survey somatic disciplines as they apply to dance conditioning and professional training. You will experience a selected range of somatic practices through in-class guided practice.									
FAR	DFT	DANC	4300	Dance Kinesiology II	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3300 or 331									
		COURSE DESC:		Develops the concept of fitness in practice and theory as applied to dance. Strength, flexibility, aerobic conditioning, and relaxation as a part of the fitness continuum are explored through a variety of approaches to creating and attaining fitness goals. Helps students develop ability to construct anatomically and physiologically appropriate dance class material supported by knowledge of various somatic practices used as adjunct training disciplines in dance. Will survey somatic disciplines as they apply to dance conditioning and professional training. You will experience a selected range of somatic practices through in-class guided practice.									
FAR	DFT	DANC	4410	Teaching Dance I (Children)	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	DANC	4410	Teaching Dance I (Children)	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	DANC	4410	Teaching Dance I (Children)	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	DANC	4420	Teaching Dance II (Adults)	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for ages 13 and older.									
FAR	DFT	DANC	4420	Teaching Dance II (Adults)	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for ages 13 and older.									
FAR	DFT	DANC	4420	Teaching Dance II (Adults)	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405									
		COURSE DESC:		Principles of teaching dance and their practical application for ages 13 and older.									

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FAR	DFT	DANC	4550	Dance Ethnography: Intellectualizing the Body's Motion GEC1: A-F REQUISITE: Jr or Sr ELIGIBLE GRADES: COURSE DESC: Surveys a wide range of theoretical approaches to the study of dance from an ethnological perspective: dance as a system of communication, social structure, ethnicity, and sacred art. Methodologies used are developed in the fields of symbolic anthropology, social, history, ethnochoreology, ethnomusicology, comparative religious, and performance studies. Gathering ethnographic material, ethical dynamics of fieldwork encounters, and duties of the dance ethnographer as a cultural mediator are explored.	LEC	LE	3	0	2CP	N	U30		0
FAR	DFT	DANC	4710	Histories of Modern and Postmodern Choreography and Practice GEC1: A-F REQUISITE: Soph or Jr or Sr ELIGIBLE GRADES: COURSE DESC: Development of Euro-American dance in the 20th-century with focus on contemporary dance through the present.	LEC	LE	3	0	2FA	N	U30		0
FAR	DFT	DANC	4711	Dance, Sexuality and Gender GEC1: A-F REQUISITE: Jr or Sr ELIGIBLE GRADES: COURSE DESC: Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.	LEC	LE	3	0	2FA	N	U30		0
FAR	DFT	DANC	4750	Dance in Non-Western Expressive Cultures GEC1: A-F REQUISITE: ELIGIBLE GRADES: COURSE DESC: Global dance forms: Study of dances in historical and cultural contexts, their functions in society and relationships to contemporary artistic expressions. Focus on topics from traditional and recent research in world dance.	LEC	LE	3	0	2FA	N	U30		0
FAR	DFT	DANC	4750	Dance in Non-Western Expressive Cultures GEC1: A-F REQUISITE: ELIGIBLE GRADES: COURSE DESC: Global dance forms: Study of dances in historical and cultural contexts, their functions in society and relationships to contemporary artistic expressions. Focus on topics from traditional and recent research in world dance.	STU	ST	3	0	2FA	N	U30		0
FAR	DFT	DANC	4800	Senior Capstone GEC1: A-F REQUISITE: DANC 3231 and Sr only ELIGIBLE GRADES: COURSE DESC: Prepares students for the field of dance and related careers. Skills in writing, networking, and oral presentation, as well as the ability to access available resources, are refined. Includes choreography, performance, and production aspects of senior projects and other dance events.	LAB	LB	3	6	3	N	U30		0
FAR	DFT	DANC	4800	Senior Capstone GEC1: A-F REQUISITE: DANC 3231 and Sr only ELIGIBLE GRADES: COURSE DESC: Prepares students for the field of dance and related careers. Skills in writing, networking, and oral presentation, as well as the ability to access available resources, are refined. Includes choreography, performance, and production aspects of senior projects and other dance events.	SEM	SE	3	6	3	N	U30		0
FAR	DFT	DANC	4800	Senior Capstone GEC1: A-F REQUISITE: DANC 3231 and Sr only ELIGIBLE GRADES: COURSE DESC: Prepares students for the field of dance and related careers. Skills in writing, networking, and oral presentation, as well as the ability to access available resources, are refined. Includes choreography, performance, and production aspects of senior projects and other dance events.	STU	ST	3	6	3	N	U30		0
FAR	DFT	DANC	4830	Dance Choreography and Video Techniques GEC2: A-F, REQUISITE: Permission required PR ELIGIBLE GRADES: COURSE DESC: Designed to increase awareness of the possibilities of video in dance, both as a recording tool and a creative tool. The basics of video production and digital editing are introduced in order for dance choreographers to become familiar with video technology applicable to dance.	LEC	LE	1.5	6		I	U30		0
FAR	DFT	DANC	4830	Dance Choreography and Video Techniques GEC2: A-F, REQUISITE: Permission required PR ELIGIBLE GRADES: COURSE DESC: Designed to increase awareness of the possibilities of video in dance, both as a recording tool and a creative tool. The basics of video production and digital editing are introduced in order for dance choreographers to become familiar with video technology applicable to dance.	STU	ST	1.5	6		I	U30		0
FAR	DFT	DANC	4900	Special Topics in Dance GEC4: A-F, REQUISITE: Permission required CR, PR ELIGIBLE GRADES: COURSE DESC: Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.	LEC	EL	1 to 4	8		I	U30		0
FAR	DFT	DANC	4900	Special Topics in Dance GEC4: A-F, REQUISITE: Permission required CR, PR ELIGIBLE GRADES: COURSE DESC: Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.	LEC	LE	1 to 4	8		I	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	4904	Special Topics in Dance - Capstone	SEM	SE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Special topics relating to the choreography, technique, production elements, pedagogy of dance, dance science and somatics, or aesthetics of historical or contemporary dance forms. The capstone course for the BA dance degree - topic is selected according to the track/special area of study of each BA degree student and the faculty teaching the course.									
FAR	DFT	DANC	4904	Special Topics in Dance - Capstone	STU	ST	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Special topics relating to the choreography, technique, production elements, pedagogy of dance, dance science and somatics, or aesthetics of historical or contemporary dance forms. The capstone course for the BA dance degree - topic is selected according to the track/special area of study of each BA degree student and the faculty teaching the course.									
FAR	DFT	DANC	4910	Dance Internship	INT	IN	.5 to 3	32		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Maximum of 32 credits may be taken. CR									
		COURSE DESC:		Provides credit for internship experience in which some dance majors may participate. Internship allows individual to gain actual experience in field of dance and related areas, e.g., apprentice/performing, technical production, and arts administration.									
FAR	DFT	DANC	4924	Practicum in Teaching Dance	PRA	PR	1 to 2	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405 and (4410 or 441 or 4420)									
		COURSE DESC:		Student teaching under supervision.									
FAR	DFT	DANC	4930	Independent Study	IND	EL	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Independent study in dance studies with content determined by faculty-student contract.									
FAR	DFT	DANC	4930	Independent Study	IND	IS	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Independent study in dance studies with content determined by faculty-student contract.									
FAR	DFT	DANC	4970T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	4980T	Dance Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	DANC	5300	Dance Kinesiology I	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	DANC	5300	Dance Kinesiology I	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	DANC	5301	Pilates Reformer Training	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to condition students using resistance training on the Universal Reformer and other Pilates apparatus. Students learn exercise principles and techniques on specialized equipment, focusing on correction of body alignment problems, muscle imbalances, strength, and flexibility.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	5302	Pilates Mat Training	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Instructs students in the proper form and execution of beginning through intermediate level non-equipment based exercises performed on an exercise mat. It is the principle segment of training in the comprehensive Pilates Method of Body Conditioning and is appropriate for all levels of movement experience. The precision, control and focus of the exercises enables students to balance the musculoskeletal system so that they are able to efficiently and safely practice other more rigorous, demanding physical disciplines. Includes laboratory practice of 45 mat exercises that train the muscles to improve body stability and mobility. The Pilates method develops precision coordination and concentration in movement while increasing strength and flexibility. Addresses injury rehabilitation from the perspective of preventive training.									
FAR	DFT	DANC	5303	Barthelme Fundamentals	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides the student with an experiential approach to movement as a somatic (from soma, meaning body) study experience. Addresses Irmgard Barthelme's (1890-1981) work, Basic Six Fundamentals exercises, their relationship to the Bonnie Bainbridge Cohen's six Developmental Patterns and enhancing ones movement facility through an approach based on these materials. Fundamentals provides a framework for movement training through 1) open exploration, 2) discovery, 3) observation and 4) practice. Class work is designed to address common dance and non-dance movement issues.									
FAR	DFT	DANC	5304	Yoga: Principles and Practice	STU	ST	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to yoga, particularly the practices of asanas (poses), vinyasas (sequences), and pranayama (breathing techniques). Emphasizes developing a personal practice, sequencing poses and counterposes to promote safety, and practicing pranayama and meditation to improve concentration and body awareness. Readings and class discussions will provide an understanding of the history and philosophy of yoga. No yoga experience is required, but some movement background is helpful.									
FAR	DFT	DANC	5360	Dance Movement Laboratory	STU	ST	.5 to 5	5		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Investigation of individual problems and capacities related to the production of movement. Explores the means to improve efficiency and expand qualitative range of the mover through application of specific somatic modalities.									
FAR	DFT	DANC	5550	Dance Ethnography: Intellectualizing the Body's Motion	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Surveys a wide range of theoretical approaches to the study of dance from an ethnological perspective: dance as a system of communication, social structure, ethnicity, and sacred art. Methodologies used are developed in the fields of symbolic anthropology, social, history, ethnochoreology, ethnomusicology, comparative religious, and performance studies. Gathering ethnographic material, ethical dynamics of fieldwork encounters, and duties of the dance ethnographer as a cultural mediator are explored.									
FAR	DFT	DANC	5710	Histories of Modern & Post Modern Choreography and Practice	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.									
FAR	DFT	DANC	5710	Histories of Modern & Post Modern Choreography and Practice	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.									
FAR	DFT	DANC	5711	Dance, Sexuality and Gender	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.									
FAR	DFT	DANC	5711	Dance, Sexuality and Gender	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.									
FAR	DFT	DANC	5900	Special Topics in Dance	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	DANC	5900	Special Topics in Dance	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									
FAR	DFT	DANC	6900	Special Topics in Dance	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
FAR	DFT	DANC	6900	Special Topics in Dance	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
FAR	DFT	DANC	6910	Dance Internship	INT	IN	1 to 8	32		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Provides credit for internship experience. Internship allows individual to gain real experience in field of dance and related areas, e.g., arts administration, apprentice/performing or choreography, and technical production.									
FAR	DFT	DANC	6930	Independent Study	IND	IS	1 to 10	20		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar contents varies.									
FAR	DFT	FILM	1800	Film Experience	STU	ST	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course introduces students to an area of study within the School of Film. Through hands-on project-based learning using digital tools and professional facilities, students develop their ideas and learn the skills needed to produce their own short video pieces.									
FAR	DFT	FILM	2010	Introduction to Film: History of World Cinema	DIS	DI	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Studies in the history of world cinema, from 1895 to the present. Weekly screenings of silent and sound, American and international films.									
FAR	DFT	FILM	2010	Introduction to Film: History of World Cinema	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Studies in the history of world cinema, from 1895 to the present. Weekly screenings of silent and sound, American and international films.									
FAR	DFT	FILM	2020	Introduction to Film: Film Analysis	DIS	DI	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to film analysis, with emphasis on formal aspects of film art such as sound, lighting, mise-en-scene, etc. Weekly screenings.									
FAR	DFT	FILM	2020	Introduction to Film: Film Analysis	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to film analysis, with emphasis on formal aspects of film art such as sound, lighting, mise-en-scene, etc. Weekly screenings.									
FAR	DFT	FILM	2030	Introduction to Film: The Documentary	DIS	DI	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A historical survey of the documentary film. Weekly screenings.									
FAR	DFT	FILM	2030	Introduction to Film: The Documentary	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A historical survey of the documentary film. Weekly screenings.									
FAR	DFT	FILM	2900	Special Topics in Film	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	2900	Special Topics in Film	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	FILM	2970T	Film Tutorial	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	FILM	2980T	Film Tutorial	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	FILM	3333	Dramatic Writing Forms and Genres	LEC	EL	3	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FILM 2010 and THAR 2510									
		COURSE DESC:		This course will provide a survey and analysis of dramatic writing forms and genres across major dramatic media from adaptations, plays, feature-length screenplays, short screenplays, half-hour sitcoms, prime-time one-hour network and pay-cable dramas and "dramedies," the "limited series" and dramatic series available on internet venues. Central to the course will be a study of comparative dramatic structures, genres, conventions, styles and modes of storytelling.									
FAR	DFT	FILM	3333	Dramatic Writing Forms and Genres	LEC	LE	3	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FILM 2010 and THAR 2510									
		COURSE DESC:		This course will provide a survey and analysis of dramatic writing forms and genres across major dramatic media from adaptations, plays, feature-length screenplays, short screenplays, half-hour sitcoms, prime-time one-hour network and pay-cable dramas and "dramedies," the "limited series" and dramatic series available on internet venues. Central to the course will be a study of comparative dramatic structures, genres, conventions, styles and modes of storytelling.									
FAR	DFT	FILM	3380	Studies in the Documentary Film	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	FILM	3380	Studies in the Documentary Film	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	FILM	3380	Studies in the Documentary Film	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	FILM	3380	Studies in the Documentary Film	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	FILM	3400	Film Techniques	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.									
FAR	DFT	FILM	3400	Film Techniques	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.									
FAR	DFT	FILM	3430	Screenwriting	LAB	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MDIA 2201 CR, PR									
		COURSE DESC:		Introduction to craft of developing narrative screenplay. Workshop/tutorial approach to study of screenplay structure, format, dialogue, and theory, culminating in a completed outline and script for a short film.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	3430	Screenwriting	LAB	LB	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by CR, PR department): MDIA 2201									
		COURSE DESC:		Introduction to craft of developing narrative screenplay. Workshop/tutorial approach to study of screenplay structure, format, dialogue, and theory, culminating in a completed outline and script for a short film.									
FAR	DFT	FILM	3430	Screenwriting	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by CR, PR department): MDIA 2201									
		COURSE DESC:		Introduction to craft of developing narrative screenplay. Workshop/tutorial approach to study of screenplay structure, format, dialogue, and theory, culminating in a completed outline and script for a short film.									
FAR	DFT	FILM	3430	Screenwriting	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by CR, PR department): MDIA 2201									
		COURSE DESC:		Introduction to craft of developing narrative screenplay. Workshop/tutorial approach to study of screenplay structure, format, dialogue, and theory, culminating in a completed outline and script for a short film.									
FAR	DFT	FILM	3440J	The Practice of Film Criticism	LAB	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	FILM	3440J	The Practice of Film Criticism	LAB	LB	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	FILM	3440J	The Practice of Film Criticism	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	FILM	3440J	The Practice of Film Criticism	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	FILM	3910	Film Internship	INT	IN	1 to 15	60		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Participation by sophomores or juniors in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	FILM	3970T	Film Tutorial	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for junior-level HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	FILM	3980T	Film Tutorial	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for junior-level HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	FILM	4210	International Film I	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	4210	International Film I	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	4220	International Film II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	4220	International Film II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	4310	Film History I	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	4310	Film History I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	4310	Film History I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	4310	Film History I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	4320	Film History II	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	4320	Film History II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	4320	Film History II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	4320	Film History II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	4330	Film History III	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	4330	Film History III	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	4330	Film History III	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	4330	Film History III	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	4440	Media Arts Management	LAB	LB	3	21		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Administration, fiscal management, marketing/promotion and media arts programming as applicable to arts management and nonart situations involving similar office/fiscal activities. Practical assignments in association with the Athens International Film and Video Festival.									
FAR	DFT	FILM	4510	Film Theory I	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	4510	Film Theory I	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	4520	Film Theory II	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	4520	Film Theory II	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	4530	Film Theory III	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	FILM	4530	Film Theory III	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and (FILM 2010 or 2020 or 2030) CR, PR									
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	FILM	4610	Motion Picture Production I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR									
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.									
FAR	DFT	FILM	4610	Motion Picture Production I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR									
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.									
FAR	DFT	FILM	4620	Motion Picture Production II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 4610 CR, PR									
		COURSE DESC:		Intermediate filmmaking class. Continued instruction in basic camera, lighting techniques, and editing techniques. Emphasis will be given to developing proficiency in location sound recording leading to production of sync sound projects.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	4620	Motion Picture Production II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 4610									
		COURSE DESC:		Intermediate filmmaking class. Continued instruction in basic camera, lighting techniques, and editing techniques. Emphasis will be given to developing proficiency in location sound recording leading to production of sync sound projects.									
FAR	DFT	FILM	4710	Film Topics Seminar I	LAB	LB	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	4710	Film Topics Seminar I	LEC	LE	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	4720	Film Topics Seminar II	LAB	LB	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	4720	Film Topics Seminar II	LEC	LE	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	4900	Special Topics in Film	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	DFT	FILM	4900	Special Topics in Film	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	DFT	FILM	4910	Internship	INT	IN	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Participation by seniors in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	FILM	4930	Independent Study	DIS	DI	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	FILM	4930	Independent Study	DIS	EL	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	FILM	4930	Independent Study	IND	EL	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	FILM	4930	Independent Study	IND	IS	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	4940	Individual Production Problems	DIS	DI	1 to 4	40		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	FILM	4940	Individual Production Problems	RSC	RS	1 to 4	40		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	FILM	4941	Individual Readings	DIS	DI	1 to 4	20		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list is selected by student in consultation with faculty member.									
FAR	DFT	FILM	4941	Individual Readings	RSC	RS	1 to 4	20		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list is selected by student in consultation with faculty member.									
FAR	DFT	FILM	4970T	Film Tutorial	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for senior-level HTC students addressing specific filmmaking or film studies topics. The tutorial will specifically address a student's HTC thesis. The thesis project may be a creative or scholarly research project. If the thesis is a creative project, a scholarly paper related to the creative activity is required.									
FAR	DFT	FILM	4980T	Film Tutorial	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Tutorial for senior-level HTC students addressing specific filmmaking or film studies topics. The tutorial will specifically address a student's HTC thesis. The thesis project may be a creative or scholarly research project. If the thesis is a creative project, a scholarly paper related to the creative activity is required.									
FAR	DFT	FILM	5010	Film Symposium	SEM	SE	1	8		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Film major CR									
		COURSE DESC:		Through screenings and/or presentations by faculty, students, or guest speakers, a range of topics in film studies, filmmaking, film education, and career-building will be addressed.									
FAR	DFT	FILM	5050	Technical Toolbox I	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Students will be instructed in the use of various kinds of camera, lighting, and sound equipment. Practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	FILM	5050	Technical Toolbox I	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Students will be instructed in the use of various kinds of camera, lighting, and sound equipment. Practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	FILM	5060	Technical Toolbox II	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Further instruction in the use of various kinds of camera, lighting, and sound equipment. Further practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	FILM	5060	Technical Toolbox II	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Further instruction in the use of various kinds of camera, lighting, and sound equipment. Further practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	FILM	5110	Filmmaking I	DIS	DI	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		The first course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of the filmmaking process. Production of individual 16mm and/or video projects.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5110	Filmmaking I	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		The first course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of the filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	FILM	5120	Filmmaking II	DIS	DI	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5110 CR, PR									
		COURSE DESC:		The second course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	FILM	5120	Filmmaking II	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5110 CR, PR									
		COURSE DESC:		The second course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	FILM	5150	Film Studies I	LAB	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	FILM	5150	Film Studies I	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	FILM	5150	Film Studies I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	FILM	5150	Film Studies I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	FILM	5160	Film Aesthetics	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An advanced introduction to key methodologies, central issues, and debates within the film studies field. Weekly screenings.									
FAR	DFT	FILM	5160	Film Aesthetics	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An advanced introduction to key methodologies, central issues, and debates within the film studies field. Weekly screenings.									
FAR	DFT	FILM	5210	International Film I	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5210	International Film I	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									

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FAR	DFT	FILM	5210	International Film I	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5210	International Film I	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5220	International Film II	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5220	International Film II	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5220	International Film II	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5220	International Film II	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	FILM	5250	Sound Techniques	LAB	LB	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Designed to build a foundation in the practical, technical, and aesthetic aspects of sound for the filmmaking process. Emphasis will be given to sound recording equipment and techniques utilized in narrative and documentary filmmaking. The use of sound technology as it pertains to post-production will also be introduced.									
FAR	DFT	FILM	5250	Sound Techniques	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Designed to build a foundation in the practical, technical, and aesthetic aspects of sound for the filmmaking process. Emphasis will be given to sound recording equipment and techniques utilized in narrative and documentary filmmaking. The use of sound technology as it pertains to post-production will also be introduced.									
FAR	DFT	FILM	5260	Advanced Sound Techniques	LAB	LB	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Advanced practice in production sound recording. Advanced practice in post-production sound techniques and sound design including sound effects, music, dubbing, looping, and post-production mixing.									
FAR	DFT	FILM	5260	Advanced Sound Techniques	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Advanced practice in production sound recording. Advanced practice in post-production sound techniques and sound design including sound effects, music, dubbing, looping, and post-production mixing.									
FAR	DFT	FILM	5310	Film History I	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5310	Film History I	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	5310	Film History I	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	5310	Film History I	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	FILM	5320	Film History II	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	5320	Film History II	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	5320	Film History II	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	5320	Film History II	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	FILM	5330	Film History III	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	5330	Film History III	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	5330	Film History III	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	5330	Film History III	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	FILM	5380	Studies in Documentary Film	LAB	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.									
FAR	DFT	FILM	5380	Studies in Documentary Film	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5380	Studies in Documentary Film	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.									
FAR	DFT	FILM	5380	Studies in Documentary Film	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.									
FAR	DFT	FILM	5420	Screenwriting I	DIS	DI	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	FILM	5420	Screenwriting I	DIS	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	FILM	5420	Screenwriting I	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	FILM	5420	Screenwriting I	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	FILM	5440	Media Arts Management	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Administration, fiscal management, marketing/promotion and media arts programming as applicable to arts management and nonart situations involving similar office/fiscal activities. Practical assignments in association with the Athens International Film and Video Festival.									
FAR	DFT	FILM	5450	Screenwriting II	DIS	DI	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR									
		COURSE DESC:		Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	FILM	5450	Screenwriting II	DIS	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR									
		COURSE DESC:		Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	FILM	5450	Screenwriting II	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR									
		COURSE DESC:		Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5450	Screenwriting II	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR									
		COURSE DESC:		Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	FILM	5510	Film Theory I	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	5510	Film Theory I	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	5510	Film Theory I	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	5510	Film Theory I	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	FILM	5520	Film Theory II	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	5520	Film Theory II	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	5520	Film Theory II	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	5520	Film Theory II	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	FILM	5530	Film Theory III	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	FILM	5530	Film Theory III	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	FILM	5640	Video Art	LAB	LB	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An examination of contemporary video, music video, and new media within the context of art.									
FAR	DFT	FILM	5640	Video Art	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An examination of contemporary video, music video, and new media within the context of art.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5710	Film Topics Seminar I	LAB	LB	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	5710	Film Topics Seminar I	LEC	LE	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	5720	Film Topics Seminar II	LAB	LB	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	5720	Film Topics Seminar II	LEC	LE	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	FILM	5750	Directing	LAB	LB	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Intends to provide the student with an understanding of the fundamentals of single-camera motion picture directing. Using directing exercises and lectures, the focus will be on script analysis, acting theory and process, rehearsal techniques, camera placement, and mise-en-scene.									
FAR	DFT	FILM	5750	Directing	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Intends to provide the student with an understanding of the fundamentals of single-camera motion picture directing. Using directing exercises and lectures, the focus will be on script analysis, acting theory and process, rehearsal techniques, camera placement, and mise-en-scene.									
FAR	DFT	FILM	5810	Digital Editing I	LAB	LB	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		An introduction to digital nonlinear editing techniques and system(s) covering the post-production workflow from logging of footage through capture, editing, and output.									
FAR	DFT	FILM	5810	Digital Editing I	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		An introduction to digital nonlinear editing techniques and system(s) covering the post-production workflow from logging of footage through capture, editing, and output.									
FAR	DFT	FILM	5820	Digital Editing II	LAB	LB	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5810 CR, PR									
		COURSE DESC:		Participants will extend their knowledge of the editorial tool set, professional video standards, terminology, and aesthetics of editing.									
FAR	DFT	FILM	5820	Digital Editing II	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5810 CR, PR									
		COURSE DESC:		Participants will extend their knowledge of the editorial tool set, professional video standards, terminology, and aesthetics of editing.									
FAR	DFT	FILM	5900	Special Topics in Film	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	FILM	5900	Special Topics in Film	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	5910	Internship	INT	IN	1 to 15	45		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Participation in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	FILM	6110	2nd Year Productions I	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		The first course in a two-semester sequence where the second-year MFA student develops and completes the creative 2nd Year Portfolio.									
FAR	DFT	FILM	6120	2nd Year Productions II	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	FILM 6110							
		COURSE DESC:		The second course in a two-semester sequence where the second-year MFA student develops and completes the creative 2nd Year Portfolio.									
FAR	DFT	FILM	6140	Documentary Production Techniques	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Focuses on production practice in documentary ranging from project development through post-production. Case studies focus on the documentarian's process from inception to development to production and finally through post-production. Fundraising and ethical issues are also considered.									
FAR	DFT	FILM	6140	Documentary Production Techniques	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Focuses on production practice in documentary ranging from project development through post-production. Case studies focus on the documentarian's process from inception to development to production and finally through post-production. Fundraising and ethical issues are also considered.									
FAR	DFT	FILM	6330	International Film Seminar I	SEM	SE	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.									
FAR	DFT	FILM	6340	International Film Seminar II	SEM	SE	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.									
FAR	DFT	FILM	6430	Advanced Screenwriting	SEM	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	FILM 5420							
		COURSE DESC:		Seminar/tutorial approach to the study of advanced problems in writing the feature length narrative screenplay.									
FAR	DFT	FILM	6430	Advanced Screenwriting	SEM	SE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	FILM 5420							
		COURSE DESC:		Seminar/tutorial approach to the study of advanced problems in writing the feature length narrative screenplay.									
FAR	DFT	FILM	6440	Film Analysis	LAB	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	FILM	6440	Film Analysis	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	FILM	6440	Film Analysis	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	6440	Film Analysis	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	FILM	6450	Adaptation for the Screen	SEM	SE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR									
		COURSE DESC:		Studies the many different types of screen adaptations including theater, literature, biography, and news reports. Students will identify a work they wish to adapt and will undertake writing the adaptation.									
FAR	DFT	FILM	6500	Cinematography	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5120 CR, PR									
		COURSE DESC:		A workshop in cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.									
FAR	DFT	FILM	6500	Cinematography	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5120 CR, PR									
		COURSE DESC:		A workshop in cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.									
FAR	DFT	FILM	6510	Advanced Cinematography	LAB	LB	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Further study in the art and craft of cinematography.									
FAR	DFT	FILM	6510	Advanced Cinematography	LEC	LE	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Further study in the art and craft of cinematography.									
FAR	DFT	FILM	6650	Producing	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Examination of function of producer in financing, organizing, scheduling, budgeting, managing, and securing distribution for a film.									
FAR	DFT	FILM	6650	Producing	SEM	SE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Examination of function of producer in financing, organizing, scheduling, budgeting, managing, and securing distribution for a film.									
FAR	DFT	FILM	6800	Motion Picture Compositing	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5820 CR, PR									
		COURSE DESC:		Introduces students to compositing capabilities including horizontal and vertical effect constructions, mattes, keys, colors, and motion effects.									
FAR	DFT	FILM	6800	Motion Picture Compositing	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5820 CR, PR									
		COURSE DESC:		Introduces students to compositing capabilities including horizontal and vertical effect constructions, mattes, keys, colors, and motion effects.									
FAR	DFT	FILM	6810	Graphics Integration and Advanced Compositing	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 6800 CR, PR									
		COURSE DESC:		Explores techniques used to create, format, and integrate third party graphics. 3-D warp effects, matte keys, paint, animation tools, advanced color correction, and lab/broadcast standards compliance in finishing are included.									
FAR	DFT	FILM	6810	Graphics Integration and Advanced Compositing	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 6800 CR, PR									
		COURSE DESC:		Explores techniques used to create, format, and integrate third party graphics. 3-D warp effects, matte keys, paint, animation tools, advanced color correction, and lab/broadcast standards compliance in finishing are included.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	6820	The Art of Editing	DIS	DI	3 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		A study of the editing styles of film masters and provides students with an aesthetic framework to integrate creative, technical, and analytical skills in editing.									
FAR	DFT	FILM	6820	The Art of Editing	LEC	LE	3 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		A study of the editing styles of film masters and provides students with an aesthetic framework to integrate creative, technical, and analytical skills in editing.									
FAR	DFT	FILM	6830	Advanced Digital Editing	LAB	LB	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5810 and 5820 CR, PR									
		COURSE DESC:		Further studies in nonlinear post-production picture editing and sound mixing.									
FAR	DFT	FILM	6830	Advanced Digital Editing	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5810 and 5820 CR, PR									
		COURSE DESC:		Further studies in nonlinear post-production picture editing and sound mixing.									
FAR	DFT	FILM	6900	Special Topics in Film	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	FILM	6900	Special Topics in Film	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	FILM	6930	Independent Study	DIS	DI	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	FILM	6930	Independent Study	DIS	EL	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	FILM	6930	Independent Study	IND	EL	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	FILM	6930	Independent Study	IND	IS	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	FILM	6950	Film Written Thesis	THE	TH	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Written thesis.									
FAR	DFT	FILM	6960	Film Studio Thesis	TUT	TU	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Studio thesis.									
FAR	DFT	FILM	6970	Thesis Seminar	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major CR, PR									
		COURSE DESC:		Presentation and discussion of thesis projects in progress.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	FILM	7700	Master Class I	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		This is the first course in a two-course sequence for the MFA student making a second-year or thesis film. Students will confront the basic and the advanced filmmaker's storytelling craft, and be asked to write and workshop a script for a short narrative or documentary thesis film. The class also focuses on the director's craft as the student prepares a project for production.									
FAR	DFT	FILM	7710	Master Class II	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		This is the second course in a two-course sequence for the MFA student making a second-year or thesis film. The focus is on the production and post-production of the film.									
FAR	DFT	FILM	7940	Individual Production Problems	DIS	DI	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	FILM	7940	Individual Production Problems	RSC	RS	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	FILM	7941	Individual Readings	DIS	DI	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	FILM	7941	Individual Readings	DIS	EL	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	FILM	7941	Individual Readings	RSC	EL	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	FILM	7941	Individual Readings	RSC	RS	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	T3	4630	Women Speaking: Then and Now	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Offers a comprehensive study and research of famous women (and men) throughout history, as well as the study of gender differences. Written speeches will be developed and practiced based on the chosen orators. Voice and speech skills will be taught for an effective communication and final speech performance.									
FAR	DFT	T3	4631	Play and Place	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier II completed and Sr only									
		COURSE DESC:		Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.									
FAR	DFT	T3	4631	Play and Place	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier II completed and Sr only									
		COURSE DESC:		Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.									
FAR	DFT	THAR	1090	Lunchbag Theater Seminar Series	SEM	SE	0	1		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Seminar and discussion about trends in theater scholarship, production, and performance techniques.									
FAR	DFT	THAR	1110	Fundamentals of Performance I	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Theater major									
		COURSE DESC:		Development of the student's personal creative resources. Fundamentals of acting, voice and movement are introduced. Emphasis is placed on sensory awareness, breath, energy, presence, spontaneity, imagination, action, and working within an ensemble through exercises and improvisation.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	1111	Fundamentals of Performance II	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Theater major									
		COURSE DESC:		A continued implementation of basic acting values. Fundamentals of acting, voice and movement are expanded. Text analysis, the reality of doing, character, action, and objective are explored through exercises, monologues, and scene work.									
FAR	DFT	THAR	1130	Acting Fundamentals I	LAB	LB	3	0	2FA	N	U30		30
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in ENG 1510 or 1610									
		COURSE DESC:		An introduction to the theory and practice of acting, as explored through exercises, scenes, and viewing plays. The exercises will explore the uses of imagination, concentration, relaxation, intention, and physical and vocal freedom through improvisation.									
FAR	DFT	THAR	1130	Acting Fundamentals I	LEC	LE	3	0	2FA	N	U30		30
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C- or better in ENG 1510 or 1610									
		COURSE DESC:		An introduction to the theory and practice of acting, as explored through exercises, scenes, and viewing plays. The exercises will explore the uses of imagination, concentration, relaxation, intention, and physical and vocal freedom through improvisation.									
FAR	DFT	THAR	1390	Design Principles for the Stage	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of design for the stage. Areas may include costume, scenic, lighting, or sound.									
FAR	DFT	THAR	1390	Design Principles for the Stage	STU	ST	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Principles of design for the stage. Areas may include costume, scenic, lighting, or sound.									
FAR	DFT	THAR	1391	Fundamentals of Scenery, Props, Costumes and Costume Crafts	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of creating theatrical scenery and costumes.									
FAR	DFT	THAR	1391	Fundamentals of Scenery, Props, Costumes and Costume Crafts	TUT	TU	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of creating theatrical scenery and costumes.									
FAR	DFT	THAR	1392	Fundamentals of Lighting/Sound and Stage Management	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of realizing theatrical lighting and sound, and theatrical stage management.									
FAR	DFT	THAR	1392	Fundamentals of Lighting/Sound and Stage Management	TUT	TU	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of realizing theatrical lighting and sound, and theatrical stage management.									
FAR	DFT	THAR	1710	The Theatrical Experience	LEC	EL	3	0	2FA	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art. Students will also attend and analyze selected theatrical performances.									
FAR	DFT	THAR	1710	The Theatrical Experience	LEC	LE	3	0	2FA	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art. Students will also attend and analyze selected theatrical performances.									
FAR	DFT	THAR	1720	Elements of Performance	LEC	EL	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines a wide variety of modes of theatrical performance by exploring various ways text, performer, spectacle, spectator, and performance space can function across cultures.									
FAR	DFT	THAR	1720	Elements of Performance	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines a wide variety of modes of theatrical performance by exploring various ways text, performer, spectacle, spectator, and performance space can function across cultures.									
FAR	DFT	THAR	1730	Fundamentals of Play Analysis and Playwriting	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to play analysis and the craft of playwriting through theory and practice.									

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FAR	DFT	THAR	1730	Fundamentals of Play Analysis and Playwriting	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to play analysis and the craft of playwriting through theory and practice.									
FAR	DFT	THAR	1800	Theater Experience	STU	ST	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This summer intensive introduces students to an area of study within the School of Theater. Through the exploration and study of various theatrical styles and genres, students deepen their appreciation and understanding of theater.									
FAR	DFT	THAR	2100	Practicum in Acting	LAB	LB	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Audition and (Soph or Jr or Sr) Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	THAR	2110	Acting I	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		BFA Acting major Beginning of a foundational and sequential course of actor training. Focus will be on the authentic use of self, explored through exercises and scene work. Students will be conditioned to listen and respond, work spontaneously, develop a point of view, and to act by doing.									
FAR	DFT	THAR	2111	Acting II	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 2110 Advanced foundation work will be explored through exercises and scene work. Authentic use of self will continue to be stressed. Upon completion of the class, students will have acquired the fundamental principles of an acting technique.									
FAR	DFT	THAR	2130	Acting Fundamentals II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 1111 or 1130 Study of acting and the actor from the point of view of strengthening concentration and commitment to performance tasks; introduces principles of text and character. Fundamentals of voice and movement are expanded.									
FAR	DFT	THAR	2130	Acting Fundamentals II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 1111 or 1130 Study of acting and the actor from the point of view of strengthening concentration and commitment to performance tasks; introduces principles of text and character. Fundamentals of voice and movement are expanded.									
FAR	DFT	THAR	2130	Acting Fundamentals II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 1111 or 1130 Study of acting and the actor from the point of view of strengthening concentration and commitment to performance tasks; introduces principles of text and character. Fundamentals of voice and movement are expanded.									
FAR	DFT	THAR	2140C	Theater in Education	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This is an experiential-participatory class that includes a pedagogical and service-learning component. Students will learn fundamental acting techniques, improvisations and theater games appropriate for the elementary school population. We explore methods that cultivate the imagination, creative collaboration, and the expressive use of body and voice toward developing story and character. We align each exercise with specific learning outcomes, and have the opportunity to apply those learned teaching skills in educational and outreach settings. Elements of production are introduced (material, venue, design, fundraising and marketing), and applied to organizing an informal public performance. The class revolves around the transformative power of theater, and how it can enrich lives and support curriculum.									
FAR	DFT	THAR	2160	Movement for Actors I	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		BFA Acting major Introduces the student to fundamental concepts and principles of movement for actors. Emphasis is placed on the human body as an instrument of expression, and on developing strength, alignment and availability. Exercises and movement improvisations are designed to build individual skill, introduce basic movement vocabulary, and develop ensemble work in which particular attention will be given to listening and responding to spatial and temporal elements on stage.									
FAR	DFT	THAR	2161	Movement for Actors II	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 2160 Continues the focus on concepts and principles of movement for actors including more advanced study of alignment, physical strength and spontaneity. Additional emphasis will be placed on embodiment of images and physical actions. Exercises are designed to develop expressiveness and consciousness.									
FAR	DFT	THAR	2170	Voice and Speech for the Actor I	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		BFA Acting major Vocal exercises aimed at releasing undue tension in the voice and an introduction to speech exercises including phonetics and articulation.									
FAR	DFT	THAR	2171	Voice and Speech for the Actor II	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		THAR 2170 Vocal work intended to increase power and range without unnecessary strain that incorporates specific speech with heightened expressivity.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	2180	Voice and Speech Training	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Group and individual instruction in basic elements of vocal training for public speaking and performance.									
FAR	DFT	THAR	2180	Voice and Speech Training	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Group and individual instruction in basic elements of vocal training for public speaking and performance.									
FAR	DFT	THAR	2300	Practicum in Production Design	LAB	LB	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	THAR	2350	Stagecraft: Scenery	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1391 Procedures and practice in theatrical scenic production; practical experience.									
FAR	DFT	THAR	2360	Stagecraft: Costume Construction	LAB	LB	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1391 Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	THAR	2360	Stagecraft: Costume Construction	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1391 Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	THAR	2360	Stagecraft: Costume Construction	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1391 Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	THAR	2387	Stage Makeup and Character Design	STU	ST	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Theory and practice of stage makeup and character design.									
FAR	DFT	THAR	2390	Theatrical Design Skills: The Text and Concept	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1390 A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.									
FAR	DFT	THAR	2390	Theatrical Design Skills: The Text and Concept	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: THAR 1390 A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.									
FAR	DFT	THAR	2510	Introduction to Playwriting	SEM	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and THAR 1730 or 171 Introduction to theories and practice of dramatic writing.									
FAR	DFT	THAR	2510	Introduction to Playwriting	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and THAR 1730 or 171 Introduction to theories and practice of dramatic writing.									
FAR	DFT	THAR	2600	Practicum in Production Stage Management	LAB	LB	1 to 6	18		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: THAR 1392 and (3610 concurrent) PR Supervised lab practice as a member of the stage management team for a School of Theater production.									
FAR	DFT	THAR	2710	Theater and Performance History I	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course explores performance, literature, and theatrical practices from pre-historical Africa, India, Asia, the Americas, and Europe, through the 17th century. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									
FAR	DFT	THAR	2710	Theater and Performance History I	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course explores performance, literature, and theatrical practices from pre-historical Africa, India, Asia, the Americas, and Europe, through the 17th century. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									

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COURSE LISTING
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FAR	DFT	THAR	2711	Theater and Performance History II	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores performance, literature, and theatrical practices from the Enlightenment through contemporary America, as well as in Africa and the Middle East. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									
FAR	DFT	THAR	2711	Theater and Performance History II	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores performance, literature, and theatrical practices from the Enlightenment through contemporary America, as well as in Africa and the Middle East. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									
FAR	DFT	THAR	2900	Special Topics in Theater Arts	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	DFT	THAR	2900	Special Topics in Theater Arts	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	DFT	THAR	2970T	Theater Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.									
FAR	DFT	THAR	2980T	Theater Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC									
		COURSE DESC:		CR, PR Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.									
FAR	DFT	THAR	3100	Practicum in Acting	LAB	LB	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Audition and Jr or Sr									
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	THAR	3110	Acting III	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2111 and BFA Acting major									
		COURSE DESC:		Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Students will continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.									
FAR	DFT	THAR	3111	Acting IV	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3110 or 310 or 311 and BFA Acting major									
		COURSE DESC:		Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and techniques will be integrated. Heightened language text will be introduced.									
FAR	DFT	THAR	3130	Scene Study	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2130									
		COURSE DESC:		A simple physical and vocal warm up will be introduced and developed. Students will apply acting foundation skills to a study of scenes from dramatic literature. Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Students will explore the process of transforming to a character unlike themselves.									
FAR	DFT	THAR	3130	Scene Study	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2130									
		COURSE DESC:		A simple physical and vocal warm up will be introduced and developed. Students will apply acting foundation skills to a study of scenes from dramatic literature. Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Students will explore the process of transforming to a character unlike themselves.									
FAR	DFT	THAR	3160	Physical Theater I	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2161 or 216									
		COURSE DESC:		Through observation and exploration of outside elements including visual arts, music, everyday life, archetypes, as well as their imaginations and individual research, students will study advanced technique and integrate the movement vocabulary into advanced study including creation of character. The research may include readings, mask work, improvisation, and scene work, as well as individual, partner, and ensemble composition.									
FAR	DFT	THAR	3161	Physical Theater II	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3160 or 216									
		COURSE DESC:		Advanced technique and integrated movement vocabulary into advanced study including creation of scenes, heightened language/verse, and character. The research may include study of specialized and advanced practices in stage combat, advanced scene work with special movement challenges or heightened language as well as advanced composition devising original ensemble, physically-based work.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	3162	Stage Combat	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Theater major									
		COURSE DESC:		Students will learn skill sets specific to stage combat. Of primary importance will be the skills necessary to execute a fight without the risk of injury to the performers involved. Through the preparation and performance of dramatic and comedic scenes involving stage combat, the student will experience the process of stage combat as it applies to the actor.									
FAR	DFT	THAR	3170	Voice and Speech for the Actor III	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2171 or 217									
		COURSE DESC:		Study of text in verse and the application of fundamental voice and speech skills to the performance of classical works.									
FAR	DFT	THAR	3171	Voice and Speech for the Actor IV	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3170									
		COURSE DESC:		Advanced topics in voice and speech for the actor, including dialects, various genres, and the performance of dramatic texts as an ensemble.									
FAR	DFT	THAR	3210	Beginning Directing	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (THAR 1111 or 110) or 1130 and (Jr or Sr)									
		COURSE DESC:		Designed as an introduction to the process of directing for the stage. The focus will be on basic concepts of script analysis, table work, staging, and the rehearsal process, with a special emphasis on clarity in storytelling.									
FAR	DFT	THAR	3210	Beginning Directing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (THAR 1111 or 110) or 1130 and (Jr or Sr)									
		COURSE DESC:		Designed as an introduction to the process of directing for the stage. The focus will be on basic concepts of script analysis, table work, staging, and the rehearsal process, with a special emphasis on clarity in storytelling.									
FAR	DFT	THAR	3300	Practicum in Production Design	LAB	LB	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	THAR	3310	Lighting Design I	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2390									
		COURSE DESC:		Creative processes in design and execution of lighting for varied production venues.									
FAR	DFT	THAR	3319	Stage Electrics	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1392									
		COURSE DESC:		Procedures and practice in theatrical stage electrics; practical experience.									
FAR	DFT	THAR	3330	Scene Painting	LAB	LB	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic materials, techniques, theory, and application of painting for the stage.									
FAR	DFT	THAR	3361	Costume Technology I: Pattern Development and Construction	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 2360									
		COURSE DESC:		Introduction to pattern draping and drafting using modern and historical methods. Advanced sewing ability is required.									
FAR	DFT	THAR	3380	Introduction to Props and Crafts Techniques	LAB	LB	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas of study may include millinery, metalworking, maskmaking, fabric dyeing and printing, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	THAR	3380	Introduction to Props and Crafts Techniques	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas of study may include millinery, metalworking, maskmaking, fabric dyeing and printing, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	THAR	3390	Design Skills - Figure Drawing and Costume Illustration Techniques	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1390									
		COURSE DESC:		Focuses on figure drawing, collage, and illustration techniques that can be used to express character and costume using dry and wet media, and digital techniques.									
FAR	DFT	THAR	3391	Theatrical Design Skills: The Space	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1390 or 2390									
		COURSE DESC:		Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization and script analysis.									
FAR	DFT	THAR	3392	Drafting for the Theater	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Fundamental and advanced problems of drafting for the stage. Digital and hand drafting methods will be utilized to create ground plans, sections, front elevations, rear elevations, and details.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	3393	Vectorworks for the Theater	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design software including Vectorworks and Lightwright. Application and development of solutions to lighting design problems.									
FAR	DFT	THAR	3395	Digital Portfolio and Performance Photography	LAB	LB	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital and website development programs to create different digital portfolios.									
FAR	DFT	THAR	3395	Digital Portfolio and Performance Photography	LEC	LE	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital and website development programs to create different digital portfolios.									
FAR	DFT	THAR	3396	Design History I: Period Styles	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Survey of research techniques in history, the arts, and period "style" from Antiquity to the present in Western Civilizations for the purpose of theatrical production.									
FAR	DFT	THAR	3397	Design History II: Costume Survey	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Development of dress and influence of technical and cultural factors from Antiquity to 1900.									
FAR	DFT	THAR	3398	Design History III: 20th- Century Clothing and Culture	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		The study of the development of Western European and American dress and culture from 1900 to the present. Classwork revolves around using primary and secondary research to explore how fashion changes as a result of shifts in cultural and political developments.									
FAR	DFT	THAR	3399	Scenography: Exploring the Creative Vision	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 2390							
		COURSE DESC:		Application of principles of design to stage costuming and scenery, with emphasis on figure drawing, characterization, conceptualization, and scenic sketching and models.									
FAR	DFT	THAR	3400	Off-Campus Practicum	LAB	LB	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Supervised practice and experimentation in the company operation of a community theater performance project.									
FAR	DFT	THAR	3510	Playwriting Revision Technique	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 2510 or 250							
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on craft and control through revision.									
FAR	DFT	THAR	3510	Playwriting Revision Technique	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 2510 or 250							
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on craft and control through revision.									
FAR	DFT	THAR	3511	Playwriting Style and Voice	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 3510							
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on varying style and defining voice.									
FAR	DFT	THAR	3511	Playwriting Style and Voice	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 3510							
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on varying style and defining voice.									
FAR	DFT	THAR	3600	Practicum in Production Stage Management	LAB	LB	1 to 6	18		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	THAR 1392 and (3610 concurrent)							
		COURSE DESC:		PR Supervised lab practice as a member of the stage management team for a School of Theater production.									
FAR	DFT	THAR	3605	Stage Management 1: Fundamentals of Stage Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admitted to Stage Management BF5168							
		COURSE DESC:		This course is an introduction to the theory and practice of stage management in American theater. The purpose of this course is to introduce and discuss techniques of efficiently managing the preparation, rehearsal, and performance of theatrical productions. Information in this class will be presented through readings, class discussions, assignments and in-class exercises.									

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FAR	DFT	THAR	3610	Stage Management Seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.	SEM	EL	1 to 3	18		N	U30		0
FAR	DFT	THAR	3610	Stage Management Seminar ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.	SEM	SE	1 to 3	18		N	U30		0
FAR	DFT	THAR	3970T	Theater Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Junior-level tutorial course for students in the Honors Tutorial College.	TUT	TU	1 to 15	15		N	U30		0
FAR	DFT	THAR	3980T	Theater Tutorial ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Junior-level tutorial course for students in the Honors Tutorial College.	TUT	TU	1 to 15	15		N	U30		0
FAR	DFT	THAR	4100	Practicum in Acting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Preparation, rehearsal, and performance of a role for public performance.	LAB	LB	1 to 6	12		N	U30		0
FAR	DFT	THAR	4110	Acting Studio I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A workshop and performance project exploring the works of William Shakespeare for performance. Integrating acting, movement, and voice, the students will apply the concepts from earlier course work to the analysis, study, and performance of Shakespearean text and characters.	STU	ST	3 to 4	0		N	U30		0
FAR	DFT	THAR	4111	Acting Studio II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Divided into two sections; the first section will involve a workshop and performance project similar to that of THAR 4110, this time employing material from a different theatrical style or genre. Genres might include social realism, absurdist, or restoration comedy. The second section will focus on branching into the industry and will include audition and interview techniques.	STU	ST	3 to 4	0		N	U30		0
FAR	DFT	THAR	4120	Acting for Film, Television and New Media ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study and application of studio acting techniques specific to film, television and new media.	STU	ST	3	0	3	N	U30		0
FAR	DFT	THAR	4130	Advanced Acting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and heightened language text may be integrated. The class may result in an ensemble driven project.	LAB	LB	3	0		N	U30		0
FAR	DFT	THAR	4130	Advanced Acting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and heightened language text may be integrated. The class may result in an ensemble driven project.	LEC	LE	3	0		N	U30		0
FAR	DFT	THAR	4200	Practicum-Directing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Undergraduate directing practicum credits reflect work done on School of Theater productions as a director or assistant director, including mainstage shows, lab shows, realism projects, style projects, and playwrights festival productions. Ideally, the faculty advisor will make periodic visits to rehearsals for these projects, assessing rehearsal strategies and overall progress of the production. (In the case of an assistant directing practicum, the faculty advisor will make periodic contact with the director to validate the student's participation in the process.)	LAB	LB	1 to 6	18		I	U30		0
FAR	DFT	THAR	4210	Intermediate Directing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Designed as an intermediate course examining the process of directing for the stage. The focus will be on some of the same concepts studied in THAR 3210 (script analysis, table work, staging, and the rehearsal process), with a stronger emphasis on preproduction concept and collaboration with designers.	LAB	LB	3	0		N	U30		0
FAR	DFT	THAR	4210	Intermediate Directing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Designed as an intermediate course examining the process of directing for the stage. The focus will be on some of the same concepts studied in THAR 3210 (script analysis, table work, staging, and the rehearsal process), with a stronger emphasis on preproduction concept and collaboration with designers.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	4300	Practicum in Production Design	LAB	LB	1 to 4	30		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	THAR	4301	Scenography Seminar	SEM	EL	1 to 3	9		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
				COURSE DESC: PR The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	4301	Scenography Seminar	SEM	SE	1 to 3	9		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
				COURSE DESC: PR The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	4301	Scenography Seminar	STU	ST	1 to 3	9		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
				COURSE DESC: PR The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	4311	Lighting Design II	TUT	TU	3	9		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3310									
				COURSE DESC: Provides the student opportunities for preparation and critique of lighting design projects in a variety of theatrical contexts.									
FAR	DFT	THAR	4312	Lighting Design: Cueing	TUT	TU	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2390									
				COURSE DESC: A specialized study of skills utilized in theatrical lighting design for creating mood, atmosphere and storytelling.									
FAR	DFT	THAR	4313	Lighting Topics: Automated	TUT	TU	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3310 or 3319									
				COURSE DESC: A specialized study of skills utilized in automated theatrical lighting design.									
FAR	DFT	THAR	4320	Costume Design	TUT	TU	3	12		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3399 and (3397 or 3398)									
				COURSE DESC: Problems and projects in theatrical costume design focused on the delineation of character and story; the relationship of script analysis, research and conceptualization; and preparation for professional design collaborations.									
FAR	DFT	THAR	4340	Scene Design	TUT	TU	3	9		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3399									
				COURSE DESC: Provides student with a series of design projects with an emphasis on portfolio preparation.									
FAR	DFT	THAR	4350	Technical Direction	TUT	TU	3	12		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2350 and 3392									
				COURSE DESC: Advanced problems of scenery construction, handling, and technical design.									
FAR	DFT	THAR	4351	Stage Rigging	TUT	TU	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 4350									
				COURSE DESC: Focuses on safe and acceptable standards for stage rigging practices within the entertainment industry.									
FAR	DFT	THAR	4352	Welding for the Theater	TUT	TU	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2350									
				COURSE DESC: An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.									
FAR	DFT	THAR	4353	Studies in Stage Automation Systems	TUT	TU	3	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Within the entertainment industry multiple methods of automation technology are being utilized for the purpose of moving onstage design components including scenery, stage properties, lighting, sound and projection surfaces for the purpose of changing the visual landscape of the stage throughout the production. For these multiple systems used in the area of stage automation to be useful, they must be reliable, repeatable, and often programmable to enable changing travel distances/ length of time to travel scenarios. Automation is enabling large scale scene changes to occur within the natural rhythm of performance; eliminating the need to endure long interruptive transitions between scenes that negatively impacts the production.									
FAR	DFT	THAR	4362	Costume Technology II: Advanced Pattern Development and Construction	TUT	TU	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3361 or 436D									
				COURSE DESC: Advanced pattern development and construction utilizing drafting, bias draping and flat pattern techniques.									
FAR	DFT	THAR	4363	Costume Technology III: Theatrical Tailoring	TUT	TU	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3361 or 436D									
				COURSE DESC: A specialized study of skills, formulas, and techniques used in theatrical tailoring.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	4364	Costume Technology IV: Specialized Silhouettes and Construction	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3361 or 436D									
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in researching and solving costume technology problems.									
FAR	DFT	THAR	4365	Costume Technology V: Rendering Interpretation	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 4362									
		COURSE DESC:		Consists of a study of the skills and techniques needed for rendering interpretation. Students will focus on researching the images for details of seam placement, fabric hang, cut, and mechanics and apply their findings to creating 3-D models.									
FAR	DFT	THAR	4370	Theatrical Sound Design	TUT	TU	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1390 or 2390									
		COURSE DESC:		Principles and functions of sound design for the theater.									
FAR	DFT	THAR	4371	Theatrical Sound Production	LAB	LB	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1392									
		COURSE DESC:		Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	THAR	4371	Theatrical Sound Production	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1392									
		COURSE DESC:		Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	THAR	4381	Advanced Crafts Techniques	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3380									
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.									
FAR	DFT	THAR	4382	Advanced Properties Construction and Organization for the Stage	TUT	TU	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3380									
		COURSE DESC:		Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.									
FAR	DFT	THAR	4383	Advanced Props Techniques: Furniture Construction	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Advanced studies in furniture construction for the props artisan covering woodworking, upholstery, carving, finishing, and furniture repair.									
FAR	DFT	THAR	4384	Advanced Props Techniques: Steel Work	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Advanced studies in metalworking for the props artisan covering armor research and construction techniques and stage weapon research and construction techniques.									
FAR	DFT	THAR	4390	Creating the Realized Design/Main Stage Process	TUT	TU	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway and regional theaters.									
FAR	DFT	THAR	4399	Design and Production Business	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		A specialized study of skills utilized in theatrical design and production as a business.									
FAR	DFT	THAR	4510	Advanced Playwriting	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3511 or 350									
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on the full-length play.									
FAR	DFT	THAR	4510	Advanced Playwriting	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3511 or 350									
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on the full-length play.									
FAR	DFT	THAR	4520	Playwriting Senior Project	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (THAR 3511 or 350) and BFA playwriting major									
		COURSE DESC:		A capstone culminating in a public presentation of polished dramatic work(s).									
FAR	DFT	THAR	4520	Playwriting Senior Project	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (THAR 3511 or 350) and BFA playwriting major									
		COURSE DESC:		A capstone culminating in a public presentation of polished dramatic work(s).									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	4600	Practicum in Stage Management: Senior Project	LAB	LB	1 to 6	18		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: (6 Hours in THAR 2600 or 3600) and (THAR 3610 concurrent) PR									
				COURSE DESC: Supervised practical experience in stage managing of School of Theater or related production.									
FAR	DFT	THAR	4700	Practicum in Dramaturgy	LAB	LB	1 to 6	18		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Practical experience as a dramaturg on School of Theater productions, including historical, textual, and biographical research, as well as audience outreach activities.									
FAR	DFT	THAR	4710	Seminar in Theater History and Drama: Selected Topics	SEM	SE	3	18		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2710 or 2711									
				COURSE DESC: An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	THAR	4720	Forms of Drama	LEC	LE	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr									
				COURSE DESC: Study of genres through examination of plays and critical and theoretical documents.									
FAR	DFT	THAR	4730	American Theater and Drama	LEC	EL	3	18		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Engages students in the study of significant plays, playwrights, and movements in the American theater.									
FAR	DFT	THAR	4730	American Theater and Drama	LEC	LE	3	18		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Engages students in the study of significant plays, playwrights, and movements in the American theater.									
FAR	DFT	THAR	4900	Special Topics in Theater Arts	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
FAR	DFT	THAR	4900	Special Topics in Theater Arts	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
FAR	DFT	THAR	4910	Professional Theater Internship	INT	IN	1 to 15	999		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Supervised internship experience with a professional production company. Areas of study may include performance, management, design, production, playwriting, dramaturgy, or scholarship.									
FAR	DFT	THAR	4970T	Theater Tutorial	TUT	TU	1 to 15	0		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR									
				COURSE DESC: Senior- level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	THAR	4980T	Theater Tutorial	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC CR, PR									
				COURSE DESC: Senior- level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	THAR	4991	Independent Studies in Acting	TUT	TU	1 to 6	18		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required and independent study form required									
				COURSE DESC: Advanced study projects in aspects and issues of acting beyond normal course offerings.									
FAR	DFT	THAR	4992	Independent Studies in Directing	LAB	LB	1 to 3	12		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Advanced study projects in aspects and issues of directing beyond normal course offerings.									
FAR	DFT	THAR	4993	Independent Studies in Production Design and Technology	TUT	TU	1 to 6	999		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required and independent study form required									
				COURSE DESC: Advanced study projects in aspects or problems of production design and technology beyond normal course offerings.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5010	Introduction to Graduate Study	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate theater major									
		COURSE DESC:		As an orientation to graduate theater study and professional theater, the student will review a fundamental knowledge base of theater that will involve readings, discussion, and conversation about the past, present, and future of the profession. Preparation for the responsibilities and expectations of serving as a graduate assistant including teaching at the University will also be covered.									
FAR	DFT	THAR	5100	Practicum in Acting	LAB	LB	1 to 4	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	THAR	5110	Acting I: Foundation	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major									
		COURSE DESC:		The introduction of an intensive foundational and sequential course of actor training. Rigorous emphasis will be placed on the authentic use of self, the awakening of the emotional life and the collaborative process as explored through exercises and scene work. Students will be conditioned to listen and respond, work spontaneously, develop a point of view, and to act by doing.									
FAR	DFT	THAR	5111	Acting II: Foundation	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5110									
		COURSE DESC:		Advanced foundation work will be explored through exercises and scene work. Authentic use of self will continue to be stressed. Upon completion of the class, students will have acquired the fundamental principles and tools necessary to consistently craft and deliver work with strong acting values. The work will be able to serve an actor in all mediums of performance, and in all styles of writing.									
FAR	DFT	THAR	5160	Movement for Actors I	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major									
		COURSE DESC:		Introduces the student to fundamental concepts and principles of movement for actors. Emphasis is placed on the human body as an instrument of expression and on developing strength, alignment, and availability. Exercises and movement improvisations are designed to build individual skill, introduce basic movement vocabulary, and develop ensemble work in which particular attention will be given to listening and responding to spatial and temporal elements on stage.									
FAR	DFT	THAR	5161	Movement for Actors II	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5160									
		COURSE DESC:		Continues the focus on concepts and principles of movement for actors including a more advanced study of alignment, physical strength, and spontaneity. Additional emphasis will be placed on the embodiment of images and physical actions. Exercises are designed to develop expressiveness and heightened consciousness.									
FAR	DFT	THAR	5170	Voice and Speech for the Actor I	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major									
		COURSE DESC:		Freeing and developing the speaking voice to include the release of physical tension, breath and sound perception, freeing and developing the articulators and resonators. Speech work to include IPA vowel phonetics and transcription.									
FAR	DFT	THAR	5171	Voice and Speech for the Actor II	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5170									
		COURSE DESC:		Voice work to develop range and vocal power through repeated and practiced exercises and sound and movement. Speech work covers the International Phonetic Alphabet consonants and proper linking techniques along with the study of speech patterns and rhythms.									
FAR	DFT	THAR	5200	Practicum in Directing	LAB	LB	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Directing practicum credits reflect work done on School of Theater productions, lab shows, realism projects, style projects, and playwrights festival productions. The directing mentor makes weekly visits to rehearsals for these projects, assessing rehearsal strategies and overall progress of the production.									
FAR	DFT	THAR	5210	Directing I	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA directing major									
		COURSE DESC:		Designed to help the student director understand the logical progression of organic components which constitute the process of stage directing. It is programmatically structured to coincide with the student's first fully-realized directing project (the Realism Projects), thereby allowing the student to apply principles and strategies learned in the classroom to concurrent rehearsals, analyze problems experienced in those rehearsals, and formulate solutions based on their own evaluation of potential solutions as well as feedback from the instructor.									

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FAR	DFT	THAR	5210	Directing I	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA directing major									
		COURSE DESC:		Designed to help the student director understand the logical progression of organic components which constitute the process of stage directing. It is programmatically structured to coincide with the student's first fully-realized directing project (the Realism Projects), thereby allowing the student to apply principles and strategies learned in the classroom to concurrent rehearsals, analyze problems experienced in those rehearsals, and formulate solutions based on their own evaluation of potential solutions as well as feedback from the instructor.									
FAR	DFT	THAR	5211	Directing II	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5210									
		COURSE DESC:		Focuses on two important aspects of directing: the development of new scripts and sound design. It is programmatically structured to coincide with the student's involvement as a director with the annual Seabury Quinn, Jr. Playwrights Festival. The first half emphasizes theatrical sound design and how the director interfaces with this important aspect of theater production. The second half shifts its focus to script development, including the director's role in collaborating with a playwright on new work.									
FAR	DFT	THAR	5211	Directing II	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5210									
		COURSE DESC:		Focuses on two important aspects of directing: the development of new scripts and sound design. It is programmatically structured to coincide with the student's involvement as a director with the annual Seabury Quinn, Jr. Playwrights Festival. The first half emphasizes theatrical sound design and how the director interfaces with this important aspect of theater production. The second half shifts its focus to script development, including the director's role in collaborating with a playwright on new work.									
FAR	DFT	THAR	5240	Director-Designer Communication	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Provides an opportunity for directors and designers to cast a critical and practical eye towards the various aspects of conceiving, designing, casting, rehearsing, and teching a major classic (i.e. Love's Labour's Lost, The Taming of the Shrew, The Adding Machine, Tartuffe, etc.). The goal is to look at the directing process from every angle and, working in collaboration with selected actors and designers, come up with a variety of solutions for each challenge. Each student will play various roles such as, director, designer, actor, casting director, etc.									
FAR	DFT	THAR	5300	Practicum in Design and/or Technical Production	LAB	LB	1 to 6	36		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Practical application of design and technical theory.									
FAR	DFT	THAR	5301	Scenography Seminar	SEM	EL	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	5301	Scenography Seminar	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	5301	Scenography Seminar	STU	ST	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	THAR	5310	Lighting Design I	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Light as an element of design.									
FAR	DFT	THAR	5311	Lighting Design II	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5301 or 5310 or THAR 531A or THAR 590C									
		COURSE DESC:		Advanced problems and projects in lighting design emphasizing style, conceptualization, and collaboration.									
FAR	DFT	THAR	5312	Lighting Design: Cueing	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design for creating mood, atmosphere and storytelling.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5313	Lighting Topics: Automated	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5310 or 5319									
		COURSE DESC:		PR A specialized study of skills utilized in automated theatrical lighting design.									
FAR	DFT	THAR	5319	Stage Electrics	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Procedures and practice in theatrical stage electrics; practical experience.									
FAR	DFT	THAR	5320	Costume Design	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Problems and projects in theatrical costume design focused on the delineation of character and story; the relationship of script analysis, research and conceptualization; and preparation for professional design collaborations.									
FAR	DFT	THAR	5321	Film Design: Costume Design and Art Direction	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major									
		COURSE DESC:		PR An exploration of film costume design and art direction from the preparation of a film through the shooting process.									
FAR	DFT	THAR	5321	Film Design: Costume Design and Art Direction	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major									
		COURSE DESC:		PR An exploration of film costume design and art direction from the preparation of a film through the shooting process.									
FAR	DFT	THAR	5330	Scene Painting	LAB	LB	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Introduction to painting techniques, materials, and color problems for the stage.									
FAR	DFT	THAR	5340	Scene Design	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Scene design theory and practices.									
FAR	DFT	THAR	5350	Technical Direction	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Role and responsibilities of technical director applied to design problems.									
FAR	DFT	THAR	5351	Stage Rigging	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350									
		COURSE DESC:		PR Focuses on safe and acceptable standards for stage rigging practices within the entertainment industry. Covers load calculation methods, properties of rigging equipment and performance/safety rating methods, risk management, and rigging system inspection criteria.									
FAR	DFT	THAR	5352	Welding for the Theater	TUT	TU	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.									
FAR	DFT	THAR	5353	Studies in Stage Automation Systems	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Within the entertainment industry multiple methods of automation technology are being utilized for the purpose of moving onstage design components including scenery, stage properties, lighting, sound and projection surfaces for the purpose of changing the visual landscape of the stage throughout the production. For these multiple systems used in the area of stage automation to be useful, they must be reliable, repeatable, and often programmable to enable changing travel distances/ length of time to travel scenarios. Automation is enabling large scale scene changes to occur within the natural rhythm of performance; eliminating the need to endure long interruptive transitions between scenes that negatively impacts the production.									
FAR	DFT	THAR	5360	Costume Construction Techniques for the Stage	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Procedures and practices in theatrical costume production; practical experience.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5361	Costume Technology I: Pattern Development and Construction	TUT	TU	3	6		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Introduction to pattern draping and drafting using modern and historical methods. Advanced sewing ability is required.									
FAR	DFT	THAR	5362	Costume Technology II: Advanced Pattern Development and Construction	TUT	TU	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 5361 PR									
				COURSE DESC: Advanced pattern development and construction utilizing drafting, bias draping and flat pattern techniques.									
FAR	DFT	THAR	5363	Costume Technology III: Theatrical Tailoring	TUT	TU	3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 5361 PR									
				COURSE DESC: A specialized study of skills, formulas, and techniques used in theatrical tailoring.									
FAR	DFT	THAR	5364	Costume Technology IV: Specialized Silhouettes and Construction	TUT	TU	3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 5361 PR									
				COURSE DESC: A specialized study of skills, formulas, and techniques used in researching and solving costume technology problems.									
FAR	DFT	THAR	5365	Costume Technology V: Rendering Interpretation	TUT	TU	3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 5362 PR									
				COURSE DESC: A study of the skills and techniques needed for rendering interpretation. Students will focus on researching the images for details of seam placement, fabric hang, cut and mechanics and apply their findings to creating 3D models.									
FAR	DFT	THAR	5370	Theatrical Sound Design	TUT	TU	3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 5371 PR									
				COURSE DESC: An introduction to sound design for the stage. Resources and principles for the theatrical sound designer.									
FAR	DFT	THAR	5371	Theatrical Sound Production	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	THAR	5371	Theatrical Sound Production	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	THAR	5380	Props and Crafts Techniques	LAB	LB	1 to 3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	THAR	5380	Props and Crafts Techniques	LEC	LE	1 to 3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	THAR	5381	Advanced Crafts Techniques	TUT	TU	3	12		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.									
FAR	DFT	THAR	5382	Advanced Properties Construction and Organization for the Stage	TUT	TU	3	12		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5383	Advanced Props Techniques: Furniture Construction	TUT	TU	3	6		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Advanced studies in furniture construction for the props artisan covering woodworking, upholstery, carving, finishing, and furniture repair.									
FAR	DFT	THAR	5384	Advanced Props Techniques: Steel Work	TUT	TU	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Advanced studies in metalworking for the props artisan covering armor research and construction techniques and stage weapon research and construction techniques.									
FAR	DFT	THAR	5387	Stage Makeup and Character Design	STU	ST	1 to 3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Theory and practice of stage makeup and character design.									
FAR	DFT	THAR	5390	Design Skills - Figure Drawing and Costume Illustration Techniques	TUT	TU	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Focuses on figure drawing, collage, and illustration techniques that can be used to express character and costume using dry and wet media, and digital techniques.									
FAR	DFT	THAR	5391	Theatrical Design Skills - The Space	TUT	TU	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization, and script analysis.									
FAR	DFT	THAR	5392	Drafting for the Theater	TUT	TU	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Fundamental and advanced problems of drafting for the stage. Digital and hand drafting methods will be utilized to create ground plans, sections, front elevations, rear elevations, and details.									
FAR	DFT	THAR	5393	Vectorworks for the Theater	TUT	TU	3	12		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: A specialized study of computer aided design skills utilized for theatrical design.									
FAR	DFT	THAR	5395	Digital Portfolio and Performance Photography	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital programs such as Photoshop, Powerpoint and other website development programs to create different digital portfolios.									
FAR	DFT	THAR	5395	Digital Portfolio and Performance Photography	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital programs such as Photoshop, Powerpoint and other website development programs to create different digital portfolios.									
FAR	DFT	THAR	5396	Design History I: Period Styles	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Research techniques and resources in history, the arts, and period "style" from antiquity to the present in Western Civilizations for theatrical production.									
FAR	DFT	THAR	5397	Design History II: Costume Survey	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: Development of dress and influence of technical and cultural factors from Antiquity to 1900.									
FAR	DFT	THAR	5398	Design History III: 20th- Century Clothing and Culture	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR									
				COURSE DESC: The study of the development of Western European and American dress and culture from 1900 to the present. Classwork revolves around using primary and secondary research to explore how fashion changes as a result of shifts in cultural and political developments.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5399	Design and Production Business	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		A specialized study of skills utilized in theatrical design and production as a business.									
FAR	DFT	THAR	5400	Off-Campus Practicum	LAB	LB	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Supervised practice and experimentation in the company operation of a community theater performance project.									
FAR	DFT	THAR	5510	Dramatic Writing Seminar I	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate theater major									
		COURSE DESC:		Introduction to the theories of dramatic narrative structure. Study of techniques used for the development of idea into narrative. Study of extant narratives to understand how narrative generates meaning.									
FAR	DFT	THAR	5511	Seminar in Rewriting Techniques and the Ensemble Part I	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5510 and Playwriting MFA student									
		COURSE DESC:		Initial development of rewriting techniques through the application of rewriting theory, the creation of and adherence to simple rewriting proposals, and interaction with performers.									
FAR	DFT	THAR	5520	Writing for Production I	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major									
		COURSE DESC:		Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The first course in this series is designed to give the students the basic skills needed to produce production ready work, with actors, on stage, before an audience on a weekly basis.									
FAR	DFT	THAR	5521	Writing for Production II	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520									
		COURSE DESC:		A continuation of focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The second course in the series is designed to enable students to develop the advanced skills necessary to produce production ready work, with actors, on stage, before an audience on a weekly basis.									
FAR	DFT	THAR	5530	First Year Playwrights Workshop	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major									
		COURSE DESC:		Development of the first-year full-length play through the application of the theories of Basic Dramatic Structure. Open only to students accepted into the Professional Playwriting Program.									
FAR	DFT	THAR	5530	First Year Playwrights Workshop	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major									
		COURSE DESC:		Development of the first-year full-length play through the application of the theories of Basic Dramatic Structure. Open only to students accepted into the Professional Playwriting Program.									
FAR	DFT	THAR	5531	First Year Playwrights Workshop II	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5530 or THAR 550									
		COURSE DESC:		Developmental workshop of the first-year full-length play in preparation for a rehearsed public reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of that play.									
FAR	DFT	THAR	5531	First Year Playwrights Workshop II	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5530 or THAR 550									
		COURSE DESC:		Developmental workshop of the first-year full-length play in preparation for a rehearsed public reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of that play.									
FAR	DFT	THAR	5600	Practicum in Production Stage Management	LAB	LB	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5610 or concurrent CR, PR									
		COURSE DESC:		Practical experience in production stage management.									
FAR	DFT	THAR	5610	Stage Management Seminar	SEM	EL	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	5610	Stage Management Seminar	SEM	SE	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									
FAR	DFT	THAR	5700	Practicum in Dramaturgy	LAB	LB	1 to 4	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Practical experience as a dramaturgy in School of Theater productions, including historical, textual, and bibliographical research, as well as audience outreach.									
FAR	DFT	THAR	5710	Seminar: Topics in Theater History	SEM	EL	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	THAR	5710	Seminar: Topics in Theater History	SEM	SE	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	THAR	5720	Theater Scholarship	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students will develop their skills and methods as scholars by reading and discussing examples of theater scholarship and workshopping their own scholarly works in-progress. Students may develop critical reviews, conference presentations, and/or journal articles. May also include an examination of scholarly organizations, journals, and conferences.									
FAR	DFT	THAR	5730	Dramatic Criticism I	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Principles of dramatic criticism from Aristotle to modern theater.									
FAR	DFT	THAR	5731	Dramatic Criticism II	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Modern dramatic criticism from time of Ibsen to present.									
FAR	DFT	THAR	5740	Theater Research and Scholarship	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Students will develop research methods and skills through the pursuit of an original research project. This research will then serve as the basis for developing a piece of scholarship, such as a critical review, conference presentation, journal article, or graduate thesis. In addition to serving as a workshop for students' scholarly works-in-progress, will also include an examination of scholarly organizations, journals, and conferences.									
FAR	DFT	THAR	5900	Special Topics in Theater Arts	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	THAR	5900	Special Topics in Theater Arts	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	THAR	5993	Independent Studies in Design and/or Technical Theater	TUT	TU	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Advanced study projects in aspects or problems of production design and technology beyond normal course offerings.									
FAR	DFT	THAR	6099	Directed Instruction	TUT	TU	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Supervised practice in instructing.									
FAR	DFT	THAR	6100	Practicum in Acting	LAB	LB	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	6110	Acting III: Application and Character	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5111									
		COURSE DESC:		Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Emphasis will be placed on transforming to and creating complex characters; working with a stronger sense of craft and greater specificity. Heightened language texts will be introduced.									
FAR	DFT	THAR	6111	Acting IV: Character and Heightened Language	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6110									
		COURSE DESC:		Playing Shakespeare and other advanced acting skills. Using a range of scenes and monologues, the students will explore, rehearse, and perform the works of William Shakespeare. Emphasis will be placed on use of text, specificity, character, and personalization. Additionally, the acting vocabulary will be expanded to include the understanding and application of one or more additional acting methods.									
FAR	DFT	THAR	6160	Physical Theater I	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5161									
		COURSE DESC:		The application of advanced technique and integrated movement vocabulary to a more sophisticated study including creation of scenes, heightened language/verse, and character. The research may include study of specialized and advanced practices in stage combat, advanced scene work with special movement challenges, or heightened language as well as advanced composition devising original ensemble, physically-based work.									
FAR	DFT	THAR	6161	Physical Theater II	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6160									
		COURSE DESC:		Through observation and exploration of outside elements including visual arts, music, everyday life, archetypes, as well as their imaginations and individual research, students will study advanced technique and integrate the movement vocabulary into advanced study including creation of character. The research may include readings, mask work, improvisation, and scene work, as well as individual, partner, and ensemble composition.									
FAR	DFT	THAR	6162	Stage Combat	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Will focus on the safe and dramatically effective execution of theatrical violence. Students will learn skill sets specific to stage combat. Of primary importance will be the skills necessary to execute a fight without the risk of injury to the performers involved. Through the preparation and performance of dramatic and comedic scenes involving stage combat, the student will experience the process of stage combat as it applies to the actor.									
FAR	DFT	THAR	6170	Voice and Speech for the Actor III	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 517C									
		COURSE DESC:		The Language of Shakespeare, a textual and practical overview of Shakespeare's use of language and rhetorical devices.									
FAR	DFT	THAR	6171	Voice and Speech for the Actor IV	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6170									
		COURSE DESC:		Vocal work intended to release undue tension in the voice, increase power, and range without unnecessary strain and incorporate specific speech with heightened expressivity.									
FAR	DFT	THAR	6200	Practicum in Directing	LAB	LB	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Directing practicum credits reflect work done on School of Theater productions, lab shows, realism projects, style projects, and playwrights festival productions. The directing mentor makes weekly visits to rehearsals for these projects, assessing rehearsal strategies and overall progress of the production.									
FAR	DFT	THAR	6210	Period Style and the Director I	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5211									
		COURSE DESC:		Addresses the questions "What is period style", and "How does a director change his or her approach to preproduction and rehearsal when dealing with a period play or a contemporary play with period style elements?" Through a careful examination of the distinguishing characteristics of period style, and in-class application of strategies and tools honed through scene work, the student will develop the tools to direct productions that have a variety of stylistic challenges. The primary focus will be Greek drama and other non-Shakespearean theater.									
FAR	DFT	THAR	6210	Period Style and the Director I	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5211									
		COURSE DESC:		Addresses the questions "What is period style", and "How does a director change his or her approach to preproduction and rehearsal when dealing with a period play or a contemporary play with period style elements?" Through a careful examination of the distinguishing characteristics of period style, and in-class application of strategies and tools honed through scene work, the student will develop the tools to direct productions that have a variety of stylistic challenges. The primary focus will be Greek drama and other non-Shakespearean theater.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	6211	Period Style and the Director II: Shakespeare	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210 CR, PR									
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.									
FAR	DFT	THAR	6211	Period Style and the Director II: Shakespeare	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210 CR, PR									
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.									
FAR	DFT	THAR	6300	Practicum in Design and/or Technical Production	LAB	LB	1 to 6	45		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Practical application of design or technical theory in planning and execution of university production.									
FAR	DFT	THAR	6320	Advanced Costume Design Techniques	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or THAR 5301 or THAR 532 PR									
		COURSE DESC:		Advanced problems and projects that explore style and process challenges for film, opera, dance, and high theatricality productions. Assignments emphasize advanced conceptualization.									
FAR	DFT	THAR	6340	Advanced Scenic Design Techniques	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5340 or THAR 5301 or THAR 534 PR									
		COURSE DESC:		Advanced problems and projects in scenic design emphasizing style, conceptualization, and collaboration.									
FAR	DFT	THAR	6350	Advanced Technical Direction	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350 PR									
		COURSE DESC:		Advanced problems and projects in technical direction emphasizing problem solving, research and development, management, and collaboration.									
FAR	DFT	THAR	6390	Creating the Realized Design/Main Stage Process	STU	ST	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway, and regional theaters.									
FAR	DFT	THAR	6510	Seminar in Contemporary Playwrights	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5510 PR									
		COURSE DESC:		Prepares students to understand the professional play developmental process as well as national contemporary trends in the theater through a critical examination of plays currently in development at national new play venues such as New Dramatists, Playwrights Center, and the O'Neill Center.									
FAR	DFT	THAR	6511	Seminar in Rewriting Techniques and the Ensemble Part II	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6510 PR									
		COURSE DESC:		In-depth development of rewriting techniques through the application of rewriting theory; the creation of and adherence to concrete rewriting proposals. Actor collaboration. Director collaboration.									
FAR	DFT	THAR	6520	Writing for Production III	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 PR									
		COURSE DESC:		Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The third course in the series is designed to introduce students to the basic skills necessary to balance their artistic goals, as stated in their artistic statements, with the demands of a theatrical producer.									
FAR	DFT	THAR	6520	Writing for Production III	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 PR									
		COURSE DESC:		Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The third course in the series is designed to introduce students to the basic skills necessary to balance their artistic goals, as stated in their artistic statements, with the demands of a theatrical producer.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	6521	Writing for Production IV	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520									
		COURSE DESC:		A continuation focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The fourth course in the series is designed to enable students to master the skills necessary to balance their own artistic goals, as stated in their artistic statements, with the demands of a theatrical producer.									
FAR	DFT	THAR	6530	Second Year Playwrights Workshop	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5531									
		COURSE DESC:		Development of the second-year full-length play through the application of advanced theories of Dramatic Structure.									
FAR	DFT	THAR	6530	Second Year Playwrights Workshop	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5531									
		COURSE DESC:		Development of the second-year full-length play through the application of advanced theories of Dramatic Structure.									
FAR	DFT	THAR	6531	Second Year Playwrights Workshop	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530									
		COURSE DESC:		Developmental workshop of the second-year full-length play in preparation for a rehearsed public staged reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of their first- and second-year plays.									
FAR	DFT	THAR	6531	Second Year Playwrights Workshop	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530									
		COURSE DESC:		Developmental workshop of the second-year full-length play in preparation for a rehearsed public staged reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of their first- and second-year plays.									
FAR	DFT	THAR	6900	Special Topics in Theater Arts	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
FAR	DFT	THAR	6900	Special Topics in Theater Arts	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
FAR	DFT	THAR	6940	Thesis: Research	RSC	RS	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate theater major									
		COURSE DESC:		CR, PR Supervised research and preparation for a thesis production, performance, portfolio, written thesis, or written play.									
FAR	DFT	THAR	6950	Theater Written Thesis	THE	TH	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR The School of Theater has two options to complete a Thesis - this option requires the student to conduct research on an approved topic, write and edit a traditional written thesis, and defend the thesis to their thesis committee. Thesis forms required.									
FAR	DFT	THAR	6960	Theater Project/Portfolio Thesis	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR The School of Theater has two options to complete a Thesis - this option requires the student to present a project, portfolio or body of work representative of their studies at Ohio University that demonstrates mastery of their coursework.									
FAR	DFT	THAR	7100	Practicum in Acting	LAB	LB	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	THAR	7110	Acting V: Style	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6111									
		COURSE DESC:		CR, PR Scene study using a range of texts from the classical repertoire. A minimum of three different period styles will be explored through script analysis, historical context, research, and rehearsal and performance. Emphasis will be placed on making vivid, active and appropriate choices for each piece of material. Sensory connection to the material will be explored.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	7111	Acting VI: Bridging to the Business	STU	ST	3	6		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: THAR 7110 CR, PR									
				COURSE DESC: Designed to bridge the gap between university actor training and the professional world. Students will be exposed to industry professionals and hone their audition technique and business acumen in classroom and professional settings. Material addressed will include theatrical and on camera auditions, photos and resumes, marketing and self-promotion, meeting and working with agents and casting directors, making a living, and union affiliation.									
FAR	DFT	THAR	7160	Voice and Movement	STU	ST	3	6		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: THAR 6161 CR, PR									
				COURSE DESC: Full integration of voice and movement skills in the ensemble process and performance of heightened text.									
FAR	DFT	THAR	7170	Voice and Speech for the Actor V	STU	ST	3	6		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: THAR 6171 CR, PR									
				COURSE DESC: Voice and Speech Specialties, to include the introduction of dialects, dialect transcription and the study of voice-overs.									
FAR	DFT	THAR	7210	Directing Symposium-Orson Welles on Shakespeare	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 6211 PR									
				COURSE DESC: To take a close look at the contributions made by Orson Welles as an interpreter of Shakespeare through sound recordings, radio performances, stage productions, and his three film adaptations.									
FAR	DFT	THAR	7210	Directing Symposium-Orson Welles on Shakespeare	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 6211 PR									
				COURSE DESC: To take a close look at the contributions made by Orson Welles as an interpreter of Shakespeare through sound recordings, radio performances, stage productions, and his three film adaptations.									
FAR	DFT	THAR	7211	Directing Symposium-Great Directors and Their Work	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 7210 PR									
				COURSE DESC: Organized around the principle that young directors benefit tremendously from a thorough study of the influential, groundbreaking directors who have preceded them. Rather than attempting to cover the entirety of theater history, would provide a more in-depth, intensive study of a number of notable individuals who figure as touchstones in the history of stage directing. Among the figures who loom large as key individuals are the Duke of Saxe-Meiningen, Gordon Craig, William Poel, Harley Granville-Barker, Joan Littlewood, Peter Brook, Peter Hall, Margo Jones, Ariane Mnouchkine, Joseph Chaikin, Anne Bogart, and Tadeusz Kantor to name a few.									
FAR	DFT	THAR	7211	Directing Symposium-Great Directors and Their Work	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: THAR 7210 PR									
				COURSE DESC: Organized around the principle that young directors benefit tremendously from a thorough study of the influential, groundbreaking directors who have preceded them. Rather than attempting to cover the entirety of theater history, would provide a more in-depth, intensive study of a number of notable individuals who figure as touchstones in the history of stage directing. Among the figures who loom large as key individuals are the Duke of Saxe-Meiningen, Gordon Craig, William Poel, Harley Granville-Barker, Joan Littlewood, Peter Brook, Peter Hall, Margo Jones, Ariane Mnouchkine, Joseph Chaikin, Anne Bogart, and Tadeusz Kantor to name a few.									
FAR	DFT	THAR	7300	Practicum in Design and/or Technical Production	LAB	LB	1 to 12	30		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: PD&T major CR, PR									
				COURSE DESC: Practical application of design or technical theory in planning and execution of university production in final year of training.									
FAR	DFT	THAR	7310	Seminar: Lighting	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major PR									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of production designs.									
FAR	DFT	THAR	7320	Seminar: Costume Design	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major PR									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of production designs.									

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FAR	DFT	THAR	7340	Seminar: Scenic Design	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major									
		COURSE DESC:		PR Tutorial development of advanced portfolio projects and preparation of production designs.									
FAR	DFT	THAR	7350	Seminar: Technical Direction	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major									
		COURSE DESC:		PR Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	THAR	7360	Seminar: Costume Technology	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5362									
		COURSE DESC:		PR Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	THAR	7370	Seminar: Sound	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major									
		COURSE DESC:		PR Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	THAR	7380	Seminar: Crafts/Props	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major									
		COURSE DESC:		PR Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	THAR	7390	Seminar in Production Design and Technology	TUT	TU	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major									
		COURSE DESC:		PR Preparation, planning, and presentation of a portfolio or portfolio projects in theatrical design and/or technical production.									
FAR	DFT	THAR	7510	Seminar in Research and Business Practices for Playwrights	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6511									
		COURSE DESC:		PR Introduction to and application of standard playwriting research practices and theory, both institutional and interpersonal; introduction to and application of standard playwriting business practices including submissions, communications and marketing; writing the 10-minute play as business technique.									
FAR	DFT	THAR	7510	Seminar in Research and Business Practices for Playwrights	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6511									
		COURSE DESC:		PR Introduction to and application of standard playwriting research practices and theory, both institutional and interpersonal; introduction to and application of standard playwriting business practices including submissions, communications and marketing; writing the 10-minute play as business technique.									
FAR	DFT	THAR	7511	Seminar in Rewriting Techniques and the Ensemble Part III	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 7510									
		COURSE DESC:		PR Advanced development of rewriting techniques through the application of rewriting theory, the creation of and adherence to advanced rewriting proposals, and interaction with performers, director, designers, and all aspects of production.									
FAR	DFT	THAR	7511	Seminar in Rewriting Techniques and the Ensemble Part III	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 7510									
		COURSE DESC:		PR Advanced development of rewriting techniques through the application of rewriting theory, the creation of and adherence to advanced rewriting proposals, and interaction with performers, director, designers, and all aspects of production.									
FAR	DFT	THAR	7520	Writing for Production V	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 or THAR 650									
		COURSE DESC:		PR A continuation focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The fifth course in the series is designed to introduce students to the skills necessary to serve as producer.									

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FAR	DFT	THAR	7520	Writing for Production V	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 or THAR 650									
		COURSE DESC:		PR A continuation focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The fifth course in the series is designed to introduce students to the skills necessary to serve as producer.									
FAR	DFT	THAR	7521	Writing for Production VI	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520									
		COURSE DESC:		PR A continuation focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The sixth course in the series is designed to introduce students to the skills necessary to serve as producer and artistic director for an evening of theater.									
FAR	DFT	THAR	7530	Third Year Playwrights Workshop	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 or THAR 6531 or THAR 750									
		COURSE DESC:		PR Development of the thesis play through the application and synthesis of advanced theories of Dramatic Structure.									
FAR	DFT	THAR	7531	Third Year Playwrights Workshop	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 or THAR 6531 or THAR 750 or THAR 750									
		COURSE DESC:		PR Developmental workshop of the thesis play in preparation for a studio thesis production. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques manifested in the body of work developed during their time in the program.									
FAR	DFT	THAR	7710	Greek Theater and Drama	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama from ancient Greece.									
FAR	DFT	THAR	7720	Roman and Medieval Theater	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama from ancient Rome through the medieval era.									
FAR	DFT	THAR	7730	Renaissance Theater and Drama	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama in the Renaissance.									
FAR	DFT	THAR	7740	Restoration and 18th-Century Theater	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama from the Restoration through the 18th- century.									
FAR	DFT	THAR	7750	Baroque Theater and Drama	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama in the Baroque era.									
FAR	DFT	THAR	7760	19th-Century Theater and Drama	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama in the 19th- century.									
FAR	DFT	THAR	7770	Modern Theater and Drama	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama in the modern era.									
FAR	DFT	THAR	7770	Modern Theater and Drama	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Seminar covering theater and drama in the modern era.									
FAR	DFT	THAR	7901	Internship in Acting	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Supervised internship experience with a professional company.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	THAR	7902	Internship in Directing	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Supervised internship experience with a professional company.									
FAR	DFT	THAR	7903	Internship in Design or Production	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Supervised internship experience with a professional production company. May be repeated for additional experience. Internship forms required.									
FAR	DFT	THAR	7905	Internship in Playwriting	TUT	TU	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 30 graduate level credit hours complete PR									
		COURSE DESC:		Supervised work and observation experience at a professional theater, playwright service organization, or new play development center.									
FAR	DFT	THAR	7991	Independent Studies in Acting	TUT	TU	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced study projects in aspects and issues of acting beyond normal course offerings.									
FAR	DFT	THAR	7992	Independent Studies in Directing	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced study projects in aspects and issues of directing beyond normal course offerings.									
FAR	DFT	THAR	7995	Independent Studies in Playwriting	TUT	TU	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced study projects in the application of theories of playwriting beyond normal course offerings.									
FAR	DFT	THAR	7997	Independent Studies in History, Research, and Criticism	TUT	TU	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Advanced study projects in aspects or problems of theatrical history, research or criticism beyond normal course offerings. Independent Study form required.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FAR	FAR	1500	Viewing Performance	LEC	LE	2	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the Schools of Music, Dance, and Theater with a seminar course dealing with characteristics of the medium and artistic concerns. A two-hour seminar precedes and follows each of the performances.									
FAR	FAR	FAR	2900	Special Topics in Fine Arts	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR		Specific course content will vary with offering.							
FAR	FAR	FAR	2900	Special Topics in Fine Arts	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR		Specific course content will vary with offering.							
FAR	FAR	T3	4605	Appalachian Culture, Energy and Environment	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Sr only						
		COURSE DESC:		This course explores the arts and culture of our region as related to energy and the environment both past and present. Topics will include music of coal miners; murals, festivals and performance commemorating the culture of mining towns; historic preservation of local architecture; material culture and memory in local museums and historical societies; engagements and encounters with the environment; and protest cultures related to energy extraction past and present. Throughout, attention will be paid to questions of citizenship and social justice. Students will engage the material firsthand through readings, screenings, guest lectures and performances, and field trips.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	IART	IART	1170	Introduction to the Arts: Arts in Contexts	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on art as a social process; the contexts in which the arts are made, circulated and engaged; and what art can tell us about the world.									
FAR	IART	IART	1180	Introduction to the Arts: Object and Events	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The goals of this course are to provide students with critical and aesthetic tools to better understand and appreciate historical periods and styles in the arts, to introduce students to a variety of visual and performing arts, and to provide students with strategies for exploring meanings in the arts.									
FAR	IART	IART	2900	Special Topics in Interdisciplinary Arts	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	IART	IART	2900	Special Topics in Interdisciplinary Arts	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	IART	IART	3600J	Writing in the Arts	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IART 1170 and 1180 and fine arts major									
		COURSE DESC:		Critical analyses of form, media, and content in arts stressing instruction in critical writing.									
FAR	IART	IART	3600J	Writing in the Arts	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IART 1170 and 1180 and fine arts major									
		COURSE DESC:		Critical analyses of form, media, and content in arts stressing instruction in critical writing.									
FAR	IART	IART	4001	Senior Seminar: Interdisciplinary Arts	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Major in Fine Arts and Sr only									
		COURSE DESC:		Designed to explore special topics in the arts at the advanced undergraduate level.									
FAR	IART	IART	4900	Special Topics in Interdisciplinary Arts	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	IART	IART	4900	Special Topics in Interdisciplinary Arts	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
FAR	IART	IART	4930	Independent Study	IND	IS	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required									
		COURSE DESC:		PR Individual investigation of selected topics.									
FAR	IART	IART	5401	World Aesthetic Ideas	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The seminar explores the musical-aesthetic thought outside the Western world, from ancient sources to contemporary debates. The readings include mythological, religious, literary, and philosophical texts, both traditional and modern. The areas of musical creativity that will be discussed comprise classical traditions and popular genres, including the uses of music in mass entertainment, ideological propaganda, and devotional practices. Literary, visual, and video materials will help illustrate the attitudes towards music in these cultures. In addition, the seminar will pursue a methodological theme of considerable urgency: Do the existing historical and contemporary approaches do justice to the uniqueness and complexity of music-philosophical theorizing in the cultures of, for example, India, China, or Bali? What kind of an approach would allow us to avoid the pitfalls of comparativism, Orientalism, and distorting biases in general? What kind of a philosophical perspective can assure at once a meaningful multilateral dialogue among world musical cultures, and their resistance to the levelling effects of globalization? A variety of texts, both by authors from a relevant cultural tradition and by Euro-American commentators, will serve as a platform for addressing these questions.									
FAR	IART	IART	5601	Southeast Asian Puppet Theater	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Focuses on Southeast Asian puppet theater, including Indonesian, Vietnamese, Burmese and Thai. Analyzes the literature, music, puppetry, performance conditions, and audience. Students examine the history of puppetry, the contexts of culture, politics, religion, gender, and post-colonial and contemporary manifestations. Throughout, students learn to manipulate the puppets and complete with a short performance.									
FAR	IART	IART	5900	Special Topics in Interdisciplinary Arts	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									

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COURSE LISTING
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FAR	IART	IART	5900	Special Topics in Interdisciplinary Arts	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	IART	5930	Independent Study	IND	IS	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Independent exploration of a selected topic.									
FAR	IART	IART	6900	Special Topics in Interdisciplinary Arts	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	IART	6900	Special Topics in Interdisciplinary Arts	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	IART	7001	Research Skills	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Focuses on the skills and techniques essential to scholarship.									
FAR	IART	IART	7002	Pedagogy in the Arts	LAB	LB	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: GTA in Interdisciplinary Arts									
		COURSE DESC:		Focuses on pedagogy in the arts, specifically preparation for teaching courses in InterArts.									
FAR	IART	IART	7003	Dissertation Proposal Seminar	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In this course PhD candidates complete the final draft of their dissertation proposal.									
FAR	IART	IART	7101	Studies in Medieval and Renaissance Music	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Cultural history of music to ca 1600									
FAR	IART	IART	7102	Studies in Baroque and Classical Music	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Cultural history of music, 1600-1900									
FAR	IART	IART	7103	Studies in 19th- Century Music	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Cultural history of music ca 1900 until the 20th- century									
FAR	IART	IART	7104	Studies in 20th- Century Music	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Cultural history of music in the 20th- century and beyond.									
FAR	IART	IART	7201	Special Topics in Classical Visual Culture	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This seminar examines special topics in ancient Greco-Roman visual culture, with a focus on painting, sculpture, and architecture.									
FAR	IART	IART	7202	Special Topics in Medieval Visual Culture	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		This seminar examines special topics in western medieval visual culture, with a focus on manuscript illumination, painting, sculpture, and architecture.									
FAR	IART	IART	7203	Special Topics in Early Modern Visual Culture	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		This seminar examines special topics in western Renaissance and Baroque visual culture, with a focus on painting, sculpture, and architecture.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	IART	IART	7204	Special Topics in Modernist-Contemporary Visual Culture	SEM	SE	4	99		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: This seminar examines special topics in Modernist and Contemporary visual culture, with a focus on painting, sculpture, architecture, and performance art.									
FAR	IART	IART	7401	History of Aesthetics	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: A study of concepts in art, beauty, creativity, aesthetic function, and experience.									
FAR	IART	IART	7402	Modern Aesthetic Thought	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Seminar content varies.									
FAR	IART	IART	7403	Contemporary Aesthetics and Theory	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Seminar content varies.									
FAR	IART	IART	7404	Critical Theory and the Arts	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Includes foundational texts that define and inform contemporary critical and theoretical discourse. Organized into three major threads that run through the 20th- century: Marxism, psychoanalysis, and post structuralism. The aim is to provide analytical tools for analysis of primary themes of critical theory, including, but not limited to, the social, the subject, the object, and power. Students will become versant in contemporary discourse for the study of the art.									
FAR	IART	IART	7405	Theories of Theater I	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Theories of theater and drama from antiquity through the 19th-century.									
FAR	IART	IART	7406	Theories of Theater II	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Study of theories of theater and drama in the 20th- and 21st- centuries.									
FAR	IART	IART	7407	Transnational and Global Theories	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR									
				COURSE DESC: Familiarizes students with key contemporary theories concerning transnationalism and globalization. Topics are organized through an historical trajectory. No matter where ones focus of interdisciplinary arts is situated, the issues covered prepare the student to be conversant in more than one geographic area of the world. Stress will be on multidirectional flows and influences of ideas, spaces, art, traditions, memories, and economics that reflect realities in our globalized era.									
FAR	IART	IART	7501	Performance Studies: Ethnographic Research Methods	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: An introduction to the basic components of ethnographic research methods, focusing on performance. Research methods of fieldwork, participant observation, interviewing and surveying analyzing data; and writing are covered. Performance is conceived of broadly, as both formal events and the performance of everyday life.									
FAR	IART	IART	7502	Performance Studies: The Body	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: The body is a central concern of performance studies. As a foundation for discussions of the body in performance studies and related disciplines, the focus is on seminal theories of the body, including but not limited to, those of Butler, Foucault, Haraway, Mauss, and Merleau-Ponly.									
FAR	IART	IART	7503	Performance Studies	SEM	SE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Topics in Performance Studies explores various subjects that are central to an analysis of performance. Seminar topics include Space and Time; Cities; Publics; and Citizenship. Classes incorporate theoretical texts and performance material.									

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FAR	IART	IART	7601	Contemporary African Art	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This graduate seminar considers contemporary African art in relation to postcolonial theory, decolonization, independence, modernity and transnationalism.									
FAR	IART	IART	7701	Greek-Medieval Theater and Drama	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on theater and drama from antiquity through the medieval period.									
FAR	IART	IART	7702	Renaissance through Eighteenth Century Theater and Drama	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on theater and drama of the renaissance through the 18th- century.									
FAR	IART	IART	7703	Nineteenth Century Drama and Theater	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on theater and drama of the 19th- century.									
FAR	IART	IART	7704	Twentieth Century Theater and Drama	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on theater and drama of the 20th- century.									
FAR	IART	IART	7705	American Theater and Drama	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on a special topic in American theater and drama.									
FAR	IART	IART	8900	Special Topics in Interdisciplinary Arts	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	IART	8900	Special Topics in Interdisciplinary Arts	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	IART	8901	Seminar in Interdisciplinary Arts	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This team-taught seminar focuses on a selected interdisciplinary topic in the arts.									
FAR	IART	IART	8930	Independent Study	IND	IS	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent, interdisciplinary study of a topic in the arts									
FAR	IART	IART	8950	Dissertation	THE	TH	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Dissertation as recommended by department.									
FAR	IART	T3	4601	Cultural Tradition and the Arts: Greek to Medieval	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).									

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FAR	IART	T3	4601	Cultural Tradition and the Arts: Greek to Medieval GEC1: A-F REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).	SEM	SE	3	0	3	N	U30		0
FAR	IART	T3	4602	Cultural Tradition and the Arts: Renaissance to Baroque GEC1: A-F REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).	SEM	EL	3	0	3	N	U30		0
FAR	IART	T3	4602	Cultural Tradition and the Arts: Renaissance to Baroque GEC1: A-F REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).	SEM	SE	3	0	3	N	U30		0
FAR	IART	T3	4603	Cultural Tradition and the Arts: 19th and 20th Centuries GEC1: A-F REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).	SEM	EL	3	0	3	N	U30		0
FAR	IART	T3	4603	Cultural Tradition and the Arts: 19th and 20th Centuries GEC1: A-F REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).	SEM	SE	3	0	3	N	U30		0
FAR	IART	T3	4604	Art and Morality GEC1: A-F REQUISITE: Sr only The relation between artworks and moral values, examined through diverging theories and philosophical perspectives. The work of specific artists from various historical periods, with emphasis on recent and contemporary debates among artists and philosophers. The theme is whether aesthetic and ethical values are mutually reconcilable.	SEM	EL	3	0	3	N	U30		0
FAR	IART	T3	4604	Art and Morality GEC1: A-F REQUISITE: Sr only The relation between artworks and moral values, examined through diverging theories and philosophical perspectives. The work of specific artists from various historical periods, with emphasis on recent and contemporary debates among artists and philosophers. The theme is whether aesthetic and ethical values are mutually reconcilable.	SEM	SE	3	0	3	N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	D099	Theory Preparation for Music Majors	TUT	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Theory Placement Exam and				WARNING: Not MUS 1010 or 1011
		COURSE DESC:		Intensive introduction to the basic materials of Western music, including pitch elements (scales, intervals, and chords), time elements (meter and rhythm) and notation. The student will become fluent with this material, develop facility in basic aural skills and be introduced to keyboard skills. Note: offered on the World Wide Web. No classroom component. Assignments submitted online and by email. No credit given toward a degree.									
FAR	MUS	MUS	D099	Theory Preparation for Music Majors	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Theory Placement Exam and				WARNING: Not MUS 1010 or 1011
		COURSE DESC:		Intensive introduction to the basic materials of Western music, including pitch elements (scales, intervals, and chords), time elements (meter and rhythm) and notation. The student will become fluent with this material, develop facility in basic aural skills and be introduced to keyboard skills. Note: offered on the World Wide Web. No classroom component. Assignments submitted online and by email. No credit given toward a degree.									
FAR	MUS	MUS	1000	Introduction to Music Theory	LEC	EL	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Non-Music major				
		COURSE DESC:		Introduction to staff, pitch, and rhythmic notation, chords, pop music notation, etc.									
FAR	MUS	MUS	1000	Introduction to Music Theory	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Non-Music major				
		COURSE DESC:		Introduction to staff, pitch, and rhythmic notation, chords, pop music notation, etc.									
FAR	MUS	MUS	1009	Theory Fundamentals for Music Majors	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Music major and appropriate score on the theory placement exam.				WARNING: No credit for this course if credit for MUS 1000 or 1011 or D099
		COURSE DESC:		This course will cover clef reading, rhythmic notation, meter, scales, key signatures, intervals, and triads at a level of depth and fluency expected of music majors. Basic functional keyboard skills will be introduced.									
FAR	MUS	MUS	1009	Theory Fundamentals for Music Majors	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Music major and appropriate score on the theory placement exam.				WARNING: No credit for this course if credit for MUS 1000 or 1011 or D099
		COURSE DESC:		This course will cover clef reading, rhythmic notation, meter, scales, key signatures, intervals, and triads at a level of depth and fluency expected of music majors. Basic functional keyboard skills will be introduced.									
FAR	MUS	MUS	1010	Music Theory I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Music major				
		COURSE DESC:		Study of the formal, melodic, harmonic, and rhythmic principles of tonal music.									
FAR	MUS	MUS	1011	Music Theory Non-Majors I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Non-music major and ability to read music				
		COURSE DESC:		Melodic, harmonic, and rhythmic principles of music and its notation.									
FAR	MUS	MUS	1020	Music Theory II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: C or better in MUS 1010				
		COURSE DESC:		Continuation of MUS 1010. Formal, melodic, harmonic, and rhythmic principles of tonal music.									
FAR	MUS	MUS	1021	Music Theory Non-Majors II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: MUS 1011				
		COURSE DESC:		Continuation of MUS 1011. Melodic, harmonic, and rhythmic principles of music and its notation.									
FAR	MUS	MUS	1029	Aural Skills Fundamentals for Music Majors	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Music major and appropriate score on the theory placement exam.				WARNING: No credit for this course if credit for MUS 1000 or 1011 or D099
		COURSE DESC:		This course will cover the fundamentals of aural skills for music majors, including basic vocal technique, range expansion, pitch matching, octave transfer, meter determination, contour, protonotation, introductory dictation, basic conducting patterns, the performance of rhythmic patterns using counting syllables, and the singing of scales and simple diatonic melodies using solmization. This course will also introduce basic keyboard skills.									
FAR	MUS	MUS	1030	Dictation and Sight Singing I	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Music major				
		COURSE DESC:		Acquisition of skills in the aural perception and reading of melodic, harmonic, and rhythmic musical structure. Should be taken concurrently with MUS 1010.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	1040	Dictation and Sight Singing II	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (MUS 1010 and 1030) Acquisition of skills in the aural perception and reading of melodic, harmonic, and rhythmic musical structure. Should be taken concurrently with MUS 1020.									
FAR	MUS	MUS	1090	Performance Laboratory	STU	ST	0	999		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		PR, F Recital and concert attendance. Required of all undergraduate music majors.									
FAR	MUS	MUS	1200	Exploring Musical Styles	LEC	LE	2	0	2FA	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Non-music major and WARNING: No credit for this course if taken after the following: MUS 1250 Development of listening skills for understanding elements of musical style in historical perspective and significance of music as fine art.									
FAR	MUS	MUS	1210	Introduction to World Music	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provide a survey of music as it exists in many cultures. As an introduction to the study of world music students will experience and understand the values and meaning of music in the lives of diverse human communities.									
FAR	MUS	MUS	1240	History of Rock Music I	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Examines birth, growth, and development of rock music through its acceptance as art form with significant influence on youth culture and resulting social implications.									
FAR	MUS	MUS	1250	Introduction to Music History and Literature	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Survey of musical forms, styles, performance media (including jazz and non-Western) from Gregorian era to present.									
FAR	MUS	MUS	1410	Class Piano I	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Music major Group instruction in piano for music majors.									
FAR	MUS	MUS	1411	Class Piano I Non-Majors	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Non-Music major Beginning group instruction in piano for non-music majors.									
FAR	MUS	MUS	1420	Class Piano II	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		MUS 1410 and music major Continuation of MUS 1410. Group instruction in piano for music majors.									
FAR	MUS	MUS	1421	Class Piano II Non-Majors	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		MUS 1411 and non-music major Group instruction in piano for non-music majors; continuation of MUS 1411.									
FAR	MUS	MUS	1470	Class Voice I	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Music major For instrumental music teachers and music therapists who require beginning voice training.									
FAR	MUS	MUS	1471	Class Voice Non-Majors	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Non-Music major Beginning instruction in voice for non-music majors.									
FAR	MUS	MUS	1480	Class Voice II	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		MUS 1470 For music therapy students continuing vocal skills development; continuation of MUS 1470.									
FAR	MUS	MUS	1600	Music Fundamentals	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		For elementary education majors only. Reviews the fundamentals of music with piano applications.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	1610	Music for the Classroom Teacher	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 1600							
		COURSE DESC:		Methods of teaching elementary music. For elementary education majors only.									
FAR	MUS	MUS	1630	Introduction to Music Education	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Introduces the prospective music educator to the profession of teaching music in the public schools.									
FAR	MUS	MUS	1650	Class Folk Guitar I	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Introduction to guitar fundamentals, including the playing of chords and melodies by using varied systems of notation, basic strumming and finger-picking techniques, and tuning. Skill development in the use of guitar in vocal accompaniment and early solo work.									
FAR	MUS	MUS	1651	Class Folk Guitar for Non-Music Majors I	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-Music major							
		COURSE DESC:		Introduction to guitar fundamentals, including the playing of chords and melodies by using varied systems of notation, basic strumming and finger-picking techniques, and tuning. Skill development in the use of guitar in vocal accompaniment and early solo work.									
FAR	MUS	MUS	1660	Class Folk Guitar II	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1650							
		COURSE DESC:		Continuation of MUS 1650. Introduction to guitar fundamentals, including the playing of chords and melodies by using varied systems of notation, basic strumming and finger-picking techniques, and tuning. Skill development in the use of guitar in vocal accompaniment and early solo work.									
FAR	MUS	MUS	1661	Class Folk Guitar for Non-music Majors II	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1651							
		COURSE DESC:		Continuation of MUS 1651. Introduction to guitar fundamentals, including the playing of chords and melodies by using varied systems of notation, basic strumming and finger-picking techniques, and tuning. Skill development in the use of guitar in vocal accompaniment and early solo work.									
FAR	MUS	MUS	1780	Computer Skills for Musicians	LAB	LB	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	PR, F							
		COURSE DESC:		Provides a basic overview of computer technology and terminology; introduces various software tools specifically for musicians.									
FAR	MUS	MUS	1790	Technology for Music Educators	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Provides the prospective music educator with technology skills, knowledge of software, and methods for using technology in the music classroom.									
FAR	MUS	MUS	1790	Technology for Music Educators	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Provides the prospective music educator with technology skills, knowledge of software, and methods for using technology in the music classroom.									
FAR	MUS	MUS	1800	Music Experience	LEC	LE	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This summer intensive introduces students to the study of music. Through individual coachings, ensemble performance, and classroom study, students develop skills and knowledge in many areas of music.									
FAR	MUS	MUS	1800	Music Experience	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This summer intensive introduces students to the study of music. Through individual coachings, ensemble performance, and classroom study, students develop skills and knowledge in many areas of music.									
FAR	MUS	MUS	1810	Introduction to Music Therapy	LEC	EL	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to clinical practice of music therapy; clinical observation.									
FAR	MUS	MUS	1810	Introduction to Music Therapy	LEC	LE	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to clinical practice of music therapy; clinical observation.									
FAR	MUS	MUS	1820	Recreational Music Instruments and Materials	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Guitar and non-symphonic classroom instruments; special instrumental methods for disabled.									
FAR	MUS	MUS	1820	Recreational Music Instruments and Materials	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Guitar and non-symphonic classroom instruments; special instrumental methods for disabled.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2010	Music Theory III	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 1020							
		COURSE DESC:		Harmonic and contrapuntal practices of 18th, 19th, and 20th centuries, including structural analysis of small and large forms.									
FAR	MUS	MUS	2020	Music Theory IV	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 2010							
		COURSE DESC:		Continuation of MUS 2010. Harmonic and contrapuntal practices of 18th, 19th, and 20th centuries, including structural analysis of small and large forms.									
FAR	MUS	MUS	2030	Dictation and Sight Singing III	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (MUS 1020 and 1040)							
		COURSE DESC:		Skills in dictation and sight singing leading to aural perception commensurate with professional level musicianship. Should be taken concurrently with MUS 2010.									
FAR	MUS	MUS	2040	Dictation and Sight Singing IV	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (MUS 2010 and 2030)							
		COURSE DESC:		Skills in dictation and sight singing leading to aural perception commensurate with professional level musicianship; continuation of MUS 2030. Should be taken concurrently with MUS 2020.									
FAR	MUS	MUS	2240	History of Rock Music II	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1240							
		COURSE DESC:		This course is a continuation of MUS 1240, History of Rock Music I. MUS 2240 is a historical survey of Rock music from the 1970's through the 1990's and beyond.									
FAR	MUS	MUS	2410	Class Piano III	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 1420 and music major							
		COURSE DESC:		Group instruction in piano for music majors.									
FAR	MUS	MUS	2420	Class Piano IV	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 2410 and music major							
		COURSE DESC:		Group instruction in piano for music majors; continuation of MUS 2410.									
FAR	MUS	MUS	2440	Communiversity Band	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Wide variety of music literature, including marches, overtures, and musicals is studied and performed both on and off campus under both a permanent and guest conductor.									
FAR	MUS	MUS	2480	African Ensemble I	STU	ST	1	4		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to the practices of drumming ensembles in traditional sub-Saharan African societies presented in a studio and lecture format. Introduction to variety of procedures, concepts, and structures that may be used in the understanding of specific musical ensembles in West Africa. Films and videotapes provide visual examples.									
FAR	MUS	MUS	2481	African Ensemble II	STU	ST	1	999		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Advanced study and performance of African music and dance in an ensemble setting from sub-Saharan Africa. Students employ various African performance techniques and to demonstrate their skills using the master drum, supporting instruments, singing and dance. Films and videotapes provide visual examples. Opportunities to perform on campus and also tour with the ensemble.									
FAR	MUS	MUS	2490	Brass Choir	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for large brass ensemble.									
FAR	MUS	MUS	2510	Marching Band	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Marching band for football and other university activities.									
FAR	MUS	MUS	2511	Wind Symphony	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for the wind symphony.									
FAR	MUS	MUS	2512	University Concert Band	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for concert band.									

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FAR	MUS	MUS	2513	Varsity Band	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Provide music for various university indoor athletic events.									
FAR	MUS	MUS	2514	Symphonic Band	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Performance of literature for large concert band.									
FAR	MUS	MUS	2520	Symphony Orchestra	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Performance of literature for the symphony orchestra.									
FAR	MUS	MUS	2521	Campus Orchestra	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		All-campus orchestra open to all members of the community. Performance of literature for symphony orchestra.									
FAR	MUS	MUS	2530	University Singers	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Performance of music for SATB choir.									
FAR	MUS	MUS	2531	Choral Union	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Performance of music for large chorus, including literature for chorus and instruments.									
FAR	MUS	MUS	2532	Opera Theater	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Preparation and performance of musical works for the stage.									
FAR	MUS	MUS	2533	The Singing Men of Ohio	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Preparation and performance of music for men's choir.									
FAR	MUS	MUS	2534	Women's Chorale	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Performance and preparation of music for women's chorus.									
FAR	MUS	MUS	2540	Chamber Music, Strings	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Participation in playing of standard string chamber literature.									
FAR	MUS	MUS	2541	Chamber Music, Woodwinds	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Participation in playing of standard woodwind chamber literature.									
FAR	MUS	MUS	2542	Chamber Music, Brass	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Participation in playing of standard brass chamber literature.									
FAR	MUS	MUS	2543	Chamber Music, Percussion	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Participation in playing of standard percussion chamber literature.									
FAR	MUS	MUS	2544	Chamber Music, Contemporary	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		New music ensemble. Participation in performing contemporary chamber music for various ensembles of instruments and voices.									
FAR	MUS	MUS	2545	Chamber Music, Piano	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Participation in playing of standard piano chamber literature.									
FAR	MUS	MUS	2550	Jazz Ensemble	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Audition				
		COURSE DESC:		Rehearsal and performance of various jazz instrumental ensembles, including big band and combo.									
FAR	MUS	MUS	2551	Percussion Ensemble	STU	ST	1	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE: Permission required				
		COURSE DESC:		Percussion ensemble rehearsal and performance.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2552	Trombone Choir	STU	ST	.5	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Performance and preparation of music for trombone choir.									
FAR	MUS	MUS	2610	Upper Strings Methods and Materials	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in upper stringed instruments with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2611	Lower Strings Methods and Materials	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in lower stringed instruments with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2630	Percussion Methods and Materials	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in percussion instruments with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2631	Horn and Trumpet Methods and Materials	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in horn and trumpet with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2632	Trombone/Euphonium/Tuba Methods and Materials	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in trombone, euphonium and tuba with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2633	Instrumental Methods Lab Band	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 2631 and 2632 and 2635 and 2636							
		COURSE DESC:		Prepares prospective instrumental music educator for planning and implementing beginning band rehearsals in a heterogeneous instruments class setting.									
FAR	MUS	MUS	2635	Flute, Saxophone & Clarinet Methods and Materials	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in flute, saxophone, and clarinet with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2636	Double Reed Methods and Materials	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in oboe and bassoon, with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2640	Brass Methods and Materials	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Jr or Sr) and WARNING: no credit for this course if taken after both MUS 2631 and 2632							
		COURSE DESC:		Instruction in brass instruments with emphasis on teaching techniques, pedagogy, methods, and materials.									
FAR	MUS	MUS	2641	Woodwind Methods and Materials	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Jr or Sr) and WARNING: no credit for this course if taken after both MUS 2635 and 2636							
		COURSE DESC:		Instruction in woodwind instruments with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2642	String Methods and Materials	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Jr or Sr) and WARNING: no credit for this course if taken after both MUS 2610 and 2611							
		COURSE DESC:		Instruction in stringed instruments with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	MUS	2810	Observation, Evaluation, and Research in Music Therapy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1810 and (Soph or Jr or Sr)							
		COURSE DESC:		Observation and evaluation skill development through classroom videotape, and field data collection and analysis; tests and evaluations; research methods and their application to clinical investigations.									
FAR	MUS	MUS	2830	Multi-Cultural Percussion and Movement	STU	ST	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music Therapy major and (Soph or Jr or Sr)							
		COURSE DESC:		Introduces variety of multi-cultural percussive instruments and dances associated with selected African, Mediterranean, and Latin cultures. Assists meeting professional competencies required by the American Music Therapy Association under professional and advanced competencies and Standards of Practice. Adaptations for work with groups of children and adults with special needs.									
FAR	MUS	MUS	2900	Special Topics in Music	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2900	Special Topics in Music	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	MUS	MUS	2920	Music Therapy Second-Year Practicum	PRA	PR	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Music Therapy major and (Soph or Jr or Sr) CR									
		COURSE DESC:		Selected field experiences in approved clinical facilities; field evaluation of student.									
FAR	MUS	MUS	2970T	Theory and Musicianship I	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC Music major									
		COURSE DESC:		First semester Honors College tutorial on diatonic music theory, including musicianship.									
FAR	MUS	MUS	2971T	Studies in Music History I	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2970T									
		COURSE DESC:		Honors College tutorial on music history topics.									
FAR	MUS	MUS	2980T	Theory and Musicianship II	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2970T									
		COURSE DESC:		First year, second semester Honors College tutorial on chromatic music theory, including musicianship and an introduction to post-tonal music theory.									
FAR	MUS	MUS	2981T	Studies in Music History II	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2971T									
		COURSE DESC:		Honors College tutorial on music history topics.									
FAR	MUS	MUS	3040	Instrumentation	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020									
		COURSE DESC:		Technical characteristics of instruments of band and orchestra. Arranging for small ensembles.									
FAR	MUS	MUS	3040	Instrumentation	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020									
		COURSE DESC:		Technical characteristics of instruments of band and orchestra. Arranging for small ensembles.									
FAR	MUS	MUS	3050	Orchestration	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3040									
		COURSE DESC:		Scoring for instrumental ensembles with emphasis on intra- and cross-choir scoring. Writing of transcriptions and score reductions.									
FAR	MUS	MUS	3050	Orchestration	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3040									
		COURSE DESC:		Scoring for instrumental ensembles with emphasis on intra- and cross-choir scoring. Writing of transcriptions and score reductions.									
FAR	MUS	MUS	3070	Choral Arranging	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020									
		COURSE DESC:		Arranging for standard vocal ensembles with and without accompaniment.									
FAR	MUS	MUS	3080	Composition, Non-Major	TUT	TU	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040 and not composition major									
		COURSE DESC:		Introduction to contemporary compositional techniques. Writing smaller compositions.									
FAR	MUS	MUS	3090	Composition, Major	STU	ST	2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040 and composition major									
		COURSE DESC:		Introduction to contemporary compositional techniques. Writing smaller compositions.									
FAR	MUS	MUS	3210	History and Literature of Music I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1020 and 1250									
		COURSE DESC:		History of music with survey of musical literature to approximately 1700.									
FAR	MUS	MUS	3210	History and Literature of Music I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1020 and 1250									
		COURSE DESC:		History of music with survey of musical literature to approximately 1700.									
FAR	MUS	MUS	3220	History and Literature of Music II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1020 and 1250									
		COURSE DESC:		History of music with survey of musical literature, 1750-present.									

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FAR	MUS	MUS	3400	Voice ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in voice.									
FAR	MUS	MUS	3410	Piano ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in piano.									
FAR	MUS	MUS	3420	Harp ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in harp.									
FAR	MUS	MUS	3430	Organ ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	4		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in organ.									
FAR	MUS	MUS	3431	Harpichord ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in harpsichord.									
FAR	MUS	MUS	3440	Violin ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in violin.									
FAR	MUS	MUS	3450	Viola ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in viola.									
FAR	MUS	MUS	3460	Violoncello ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in violoncello.									
FAR	MUS	MUS	3470	Double Bass ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in double bass.									
FAR	MUS	MUS	3471	Applied Guitar ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in guitar.									
FAR	MUS	MUS	3480	Flute ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in flute.									
FAR	MUS	MUS	3490	Oboe ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in oboe.									
FAR	MUS	MUS	3500	Bassoon ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in bassoon.									
FAR	MUS	MUS	3510	Clarinet ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in clarinet.									
FAR	MUS	MUS	3520	Saxophone ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in saxophone.									
FAR	MUS	MUS	3530	Trumpet ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in trumpet.									
FAR	MUS	MUS	3540	Horn ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 4	999		N	U30		0
				GEC1: A-F REQUISITE: Music major Studio instruction in horn.									

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FAR	MUS	MUS	3550	Euphonium	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in euphonium.									
FAR	MUS	MUS	3560	Trombone	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in trombone.									
FAR	MUS	MUS	3570	Tuba	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in tuba.									
FAR	MUS	MUS	3580	Percussion	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in percussion instruments.									
FAR	MUS	MUS	3590	Class Piano V	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1020 and C or better in MUS 2420							
		COURSE DESC:		Group instruction in piano for music majors.									
FAR	MUS	MUS	3600	Class Piano VI	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 3590 and music major							
		COURSE DESC:		Group piano instruction in advanced functional keyboard skills.									
FAR	MUS	MUS	3625	The History of Jazz	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): MUS 4280							
		COURSE DESC:		Study of jazz styles from inception to the current era. Develop understanding and appreciation for jazz music through topical readings, listening, and exploration of the social and musical implications of jazz music in American culture.									
FAR	MUS	MUS	3625	The History of Jazz	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): MUS 4280							
		COURSE DESC:		Study of jazz styles from inception to the current era. Develop understanding and appreciation for jazz music through topical readings, listening, and exploration of the social and musical implications of jazz music in American culture.									
FAR	MUS	MUS	3630	Instrumental Methods and Materials	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for secondary school bands and orchestras, including administration of the high school instrumental music program.									
FAR	MUS	MUS	3630	Instrumental Methods and Materials	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for secondary school bands and orchestras, including administration of the high school instrumental music program.									
FAR	MUS	MUS	3631	Instrumental Methods and Materials	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Jr or Sr) and WARNING: no credit for this course if taken after both MUS 2631 and 2632							
		COURSE DESC:		Literature and rehearsal techniques for secondary school bands and orchestras, including administration of the high school instrumental music program. Application of principles of typical child development through field experiences in the secondary music classroom.									
FAR	MUS	MUS	3640	Secondary School Choral Techniques and Materials	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for high school choral groups.									
FAR	MUS	MUS	3640	Secondary School Choral Techniques and Materials	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for high school choral groups.									
FAR	MUS	MUS	3660	General Music Methods	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education or Music Therapy							
		COURSE DESC:		Materials and methods for elementary music. For music majors only.									
FAR	MUS	MUS	3660	General Music Methods	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education or Music Therapy							
		COURSE DESC:		Materials and methods for elementary music. For music majors only.									
FAR	MUS	MUS	3661	Introduction to Orff Schulwerk	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1020 or 1610							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									

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FAR	MUS	MUS	3661	Introduction to Orff Schulwerk	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1020 or 1610									
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	MUS	3662	Early Childhood Music Education	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major and Jr standing in music education									
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	MUS	3662	Early Childhood Music Education	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major and Jr standing in music education									
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	MUS	3665	General Music Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Music Education and Music Therapy students) and (Jr or Sr) and WARNING: no credit for this course if taken after both MUS 2631 and 2632									
		COURSE DESC:		This course introduces students to materials and methods for teaching music to children grades K-6. Readings and discussions explore learning theories, philosophies, and historical methodologies related to the General Music Classroom.									
FAR	MUS	MUS	3680	Woodwind and Brass Instrument Repair	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MUS 2020 and 2040									
		COURSE DESC:		PR, F Prepares music students to do minor emergency repairs on flute, clarinet, saxophone, oboe, bassoon, trumpet, trombone, horn and low brass.									
FAR	MUS	MUS	3700	Applied Conducting	STU	ST	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 4560 or 4561) and permission required									
		COURSE DESC:		This course provides select, one-on-one instruction at the advanced level. Emphasis is placed on refining the individual student's conducting ability and musicianship. The study of expressive gesture, score study, and musical interpretation are part of this course. Students will be assigned individualized musical scores, providing the primary focus for study.									
FAR	MUS	MUS	3720	Advanced Functional Skills	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Piano major and (Jr or Sr)									
		COURSE DESC:		Instruction providing greater facility in handling basic functional keyboard skills. Emphasis on transferring these skills to actual situations encountered as music educators and/or music therapists.									
FAR	MUS	MUS	3750	English and Italian Diction for Singers	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITAL 1110									
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	3752	German Diction for Singers	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GER 1110									
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	3753	French Diction for Singers	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FR 1110									
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	3754	Vocal Coaching	TUT	TU	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1020 or 1040									
		COURSE DESC:		Prepares singer for performance in concert, recital and opera. Aspects covered include style, performance practice, lyric diction, interpretation, and audition preparation. Includes preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.									
FAR	MUS	MUS	3770	Jazz Improvisation I	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MUS 1020									
		COURSE DESC:		Learning and applying through improvisation the Ionian, Dorian, and Mixolydian modes, the ii-V7-I progression, and culminating with a final project utilizing the song form.									
FAR	MUS	MUS	3771	Jazz Improvisation II	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MUS 1020									
		COURSE DESC:		Learning and applying through improvisation the whole tone, diminished and blues scales, the Aeolian and Location modes, the ii-V7-I progression, and culminating with final project utilizing blues form.									
FAR	MUS	MUS	3790	Performance Preparation	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Assistance in developing strategies for preparing physically and psychologically to achieve maximum potential in musical performance.									
FAR	MUS	MUS	3790	Performance Preparation	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Assistance in developing strategies for preparing physically and psychologically to achieve maximum potential in musical performance.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	3820	Psychological Foundations of Music Therapy	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr in music therapy									
		COURSE DESC:		Theory of music therapy, survey of current literature and trends in music therapy; influence of music on behavior, physiology, emotions, learning, and work performance; a research study required.									
FAR	MUS	MUS	3820	Psychological Foundations of Music Therapy	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr in music therapy									
		COURSE DESC:		Theory of music therapy, survey of current literature and trends in music therapy; influence of music on behavior, physiology, emotions, learning, and work performance; a research study required.									
FAR	MUS	MUS	3920	Music Therapy Third-Year Practicum	PRA	PR	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr standing in Music Therapy									
		COURSE DESC:		CR Selected field experiences in approved clinical facilities; field evaluation of student.									
FAR	MUS	MUS	3921	Practicum in Music	PRA	PR	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides practical experiences such as supervised private and/or small-group teaching, seminars in instrument repair, small touring ensembles, and pit orchestra performance. Maximum accumulative credits are 8.									
FAR	MUS	MUS	3970T	Studies in Music I	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2981T									
		COURSE DESC:		Honors College tutorial on music topics.									
FAR	MUS	MUS	3980T	Studies in Music II	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3970T									
		COURSE DESC:		Honors College tutorial on music topics.									
FAR	MUS	MUS	4050	Jazz Theory I	LEC	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040 and keyboard skills									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	4050	Jazz Theory I	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040 and keyboard skills									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	4051	Jazz Theory II	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4050									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	4051	Jazz Theory II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4050									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	4070	Counterpoint I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040									
		COURSE DESC:		Analysis and composition in sacred style of 16th century.									
FAR	MUS	MUS	4071	Counterpoint II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 2020 and 2040									
		COURSE DESC:		Analysis and composition of early 18th-century contrapuntal forms, mostly in the style of Johann Sebastian Bach and his contemporaries.									
FAR	MUS	MUS	4130	History and Practice of Electronic Music	LEC	LE	2	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.									
FAR	MUS	MUS	4150	Computers and Music Production	LEC	EL	2	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	MUS	4150	Computers and Music Production	LEC	LE	2	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	MUS	4160	Project in Electronic Music	LEC	EL	2	4		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Creating a major project using MIDI synthesizers and software and/or digital audio.									

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COURSE LISTING
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FAR	MUS	MUS	4160	Project in Electronic Music	LEC	LE	2	4		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Creating a major project using MIDI synthesizers and software and/or digital audio.									
FAR	MUS	MUS	4170	Computer Music Programming	LEC	EL	3	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Concepts of computer music programming and digital sound synthesis. Topics include software design/realization, FM, additive, and granular synthesis, sampling, and sequencing.									
FAR	MUS	MUS	4170	Computer Music Programming	LEC	LE	3	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Concepts of computer music programming and digital sound synthesis. Topics include software design/realization, FM, additive, and granular synthesis, sampling, and sequencing.									
FAR	MUS	MUS	4210	Literature of Choral Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of major choral works throughout music history.									
FAR	MUS	MUS	4210	Literature of Choral Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of major choral works throughout music history.									
FAR	MUS	MUS	4211	Literature of Piano Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of the major works for the piano and their composers.									
FAR	MUS	MUS	4211	Literature of Piano Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of the major works for the piano and their composers.									
FAR	MUS	MUS	4212	Literature of Chamber Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of instrumental chamber music from 1650 to the present.									
FAR	MUS	MUS	4212	Literature of Chamber Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of instrumental chamber music from 1650 to the present.									
FAR	MUS	MUS	4213	Literature of Orchestral Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									
FAR	MUS	MUS	4213	Literature of Orchestral Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									
FAR	MUS	MUS	4214	Literature of Organ Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of the principal works for organ, circa 1300 to the present.									
FAR	MUS	MUS	4214	Literature of Organ Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of the principal works for organ, circa 1300 to the present.									
FAR	MUS	MUS	4215	Literature of Opera	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of opera literature from its inception circa 1600 to the present.									
FAR	MUS	MUS	4215	Literature of Opera	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of opera literature from its inception circa 1600 to the present.									
FAR	MUS	MUS	4216	Literature of Band Music	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	MUS	4216	Literature of Band Music	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1250 and 2020 and 2040							
		COURSE DESC:		Survey of literature for the wind band.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4250	Music of Africa	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Introduction to African music, with particular reference to the organization of music in community life, performance events, performing groups, instrumental resources, and interrelations of music and cognate arts. Aspects of history, sociopolitical organization, religion, customary practices, human mobility, language, and economic activity provide the necessary and wider content for understanding the music, musical instruments, and music makers.									
FAR	MUS	MUS	4260	African Music and Related Arts	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores the interdisciplinary nature of African music. Examines the relationship between music and other cognate arts, such as language, dance, visual and crafted arts, games and other physical activities, pantomime, drama and theater, social/cultural activities, and folk media.									
FAR	MUS	MUS	4270	Folk Music in the United States	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to selected types of folk music in United States.									
FAR	MUS	MUS	4270	Folk Music in the United States	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to selected types of folk music in United States.									
FAR	MUS	MUS	4490	Collaborative Piano	TUT	TU	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Applied private instruction dealing with the technical and practical skills involved in collaborative playing with vocalists and instrumentalists.									
FAR	MUS	MUS	4500	Accompanying	TUT	TU	1	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Basic problems in accompanying vocalists and instrumentalists--rehearsal techniques, ensemble, pedaling, balance, etc.									
FAR	MUS	MUS	4550	Basic Conducting	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 2020 and 2040						
		COURSE DESC:		Basic beat patterns, technique of baton, and use of nondominant hand. Experience in conducting choral and small instrumental ensembles in works suitable for school groups.									
FAR	MUS	MUS	4550	Basic Conducting	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 2020 and 2040						
		COURSE DESC:		Basic beat patterns, technique of baton, and use of nondominant hand. Experience in conducting choral and small instrumental ensembles in works suitable for school groups.									
FAR	MUS	MUS	4560	Instrumental Conducting	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 4550						
		COURSE DESC:		Experience in conducting from full score; includes band and orchestral works suitable for high school groups.									
FAR	MUS	MUS	4561	Choral Conducting	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 4550						
		COURSE DESC:		Specialized conducting techniques for choral groups, including experience in conducting works suitable for high school and college groups.									
FAR	MUS	MUS	4561	Choral Conducting	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 4550						
		COURSE DESC:		Specialized conducting techniques for choral groups, including experience in conducting works suitable for high school and college groups.									
FAR	MUS	MUS	4570	String Instrument Pedagogy and Repertoire	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(MUS 3220 or 323) and (Jr or Sr)						
		COURSE DESC:		Teaching techniques and use of selected materials for various levels of ability. Includes practical experience in teaching string instruments. Also, solo performance and teaching repertoire for each string instrument.									
FAR	MUS	MUS	4571	Woodwind Instrument Pedagogy and Repertoire	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(MUS 3220 or 323) and (Jr or Sr)						
		COURSE DESC:		Pedagogy practices and literature of woodwind instruments. Solo performance repertoire.									
FAR	MUS	MUS	4572	Brass Instrument Pedagogy and Repertoire	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(MUS 3220 or 323) and (Jr or Sr)						
		COURSE DESC:		Current pedagogy and teaching materials for brass instruments. Solo performance repertoire for brass.									
FAR	MUS	MUS	4573	Solo Vocal Repertoire I: French and British	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MUS 3220 or 323						
		COURSE DESC:		Intensive survey of the solo vocal literature of England and France from the early 17th century to the present day.									

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FAR	MUS	MUS	4573	Solo Vocal Repertoire I: French and British	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3220 or 323									
		COURSE DESC:		Intensive survey of the solo vocal literature of England and France from the early 17th century to the present day.									
FAR	MUS	MUS	4574	Solo Vocal Repertoire II: Germany and United States	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3220 or 323									
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.									
FAR	MUS	MUS	4574	Solo Vocal Repertoire II: Germany and United States	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3220 or 323									
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.									
FAR	MUS	MUS	4575	Percussion Instruments Pedagogy and Repertoire	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 3220 or 323) and (Jr or Sr)									
		COURSE DESC:		Pedagogy and solo repertoire of percussion instruments.									
FAR	MUS	MUS	4576	Keyboard Repertoire I	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: MUS 1250									
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	MUS	4576	Keyboard Repertoire I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: MUS 1250									
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	MUS	4577	Keyboard Repertoire II	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: MUS 1250									
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	MUS	4577	Keyboard Repertoire II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: MUS 1250									
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	MUS	4580	Piano Pedagogy I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.									
FAR	MUS	MUS	4581	Piano Pedagogy II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4580									
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.									
FAR	MUS	MUS	4582	Group Piano Pedagogy	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Foundational principles of teaching piano in group environments and issues surrounding this topic. Additional course content addresses current trends in technology and their application to piano teaching.									
FAR	MUS	MUS	4582	Group Piano Pedagogy	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Foundational principles of teaching piano in group environments and issues surrounding this topic. Additional course content addresses current trends in technology and their application to piano teaching.									
FAR	MUS	MUS	4583	Organ Pedagogy	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1250									
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									
FAR	MUS	MUS	4583	Organ Pedagogy	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1250									
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4585	Vocal Pedagogy	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Provides creative teaching strategies for the voice teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private voice instruction. Includes teaching techniques for working with students of all ages and levels.									
FAR	MUS	MUS	4585	Vocal Pedagogy	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Provides creative teaching strategies for the voice teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private voice instruction. Includes teaching techniques for working with students of all ages and levels.									
FAR	MUS	MUS	4590	Advanced Instrumental Conducting	LEC	LE	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4560 and permission Students develop advanced conducting skills, including philosophy and leadership, score study and analysis, interpretation and rehearsal skills, and movement and conducting technique. Application includes opportunities for chamber and large ensemble conducting.									
FAR	MUS	MUS	4591	Advanced Choral Conducting	LEC	LE	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4561 and permission required Students develop advanced conducting skills, including philosophy and leadership, score study and analysis, interpretation and rehearsal skills, and movement and conducting technique. Application includes opportunities for chamber and large ensemble conducting.									
FAR	MUS	MUS	4620	Music in the Multicultural United States	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ANTH 1010 and Sr This course is intended to give students an overview of the two contributing cultures and their musics found in this country, from the songs of rural Appalachia and New England to the African music brought by the slaves; to the musics that grew out of those traditions, from the popular musics of the cities to the songs of Latin Americans and European minorities. We will trace the way these musics live in the modern city, in the academic world and in contemporary music society. (Nettl, 1976) The student will be introduced to the study of music as a manifestation of human need and a representation of culture. The course uses music as an index to understand American culture while it introduces the student to various concepts in the field of ethnomusicology. (Nettl, 1976)									
FAR	MUS	MUS	4630	Scoring for Bands	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 3040 and (music education or therapy major) and (Jr or Sr) Scoring for the concert band. Emphasis will be on arranging for band within specific levels of difficulty encountered in school band programs.									
FAR	MUS	MUS	4640	Marching Band Techniques	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr standing in Music Education Techniques for preparation of high school and college marching band performance.									
FAR	MUS	MUS	4650	Jazz Ensemble Methods	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr standing in Music Education Methods of organizing and implementing jazz ensemble programs in secondary schools. Includes survey of appropriate materials.									
FAR	MUS	MUS	4700	History of Film Music	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: This course traces the history and development of film music through lecture, reading and film viewing/music listening- investigating the process of film scoring and how music and its relationship to film have changed over the last century. The emphasis will be on how different composers, in their unique historical/cultural contexts, contribute to the emotional and psychological subtext of a narrative through music and the musical vocabularies that are part of the scoring for film process.									
FAR	MUS	MUS	4810	Music Therapy Principles and Techniques I	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr standing in Music Therapy Problems of exceptional children and therapist strategies and techniques for remediation; terminology; treatment settings.									
FAR	MUS	MUS	4820	Music Therapy Principles and Techniques II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4810 Problems in psychiatry and rehabilitation; therapist strategies and techniques for remediation; terminology; treatment settings; traditional and current psycho-therapeutic and behavioral approaches.									
FAR	MUS	MUS	4830	Music Therapy Principles and Techniques III	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4820 Program development process for selected clinical populations; administration of music therapy program.									
FAR	MUS	MUS	4830	Music Therapy Principles and Techniques III	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4820 Program development process for selected clinical populations; administration of music therapy program.									
FAR	MUS	MUS	4900	Special Topics in Music Therapy	TUT	TU	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Music Therapy Major Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4901	Special Topics in Tonal Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (MUS 2020 and 2040) Analysis of music in the tonal tradition; some attention will be paid to pre-tonal structures leading toward tonality. Specific pieces, genres, and topics will vary.									
FAR	MUS	MUS	4902	Special Topics in Post-Tonal Analysis	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C- or better in (MUS 2020 and 2040) Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.									
FAR	MUS	MUS	4910	Internship in Music Therapy	INT	IN	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				MUS 4820									
		COURSE DESC:		CR, PR Six months as full-time music therapy intern at AMTA-approved clinical training facility following completion of senior year.									
FAR	MUS	MUS	4920	Music Therapy Fourth-Year Practicum	PRA	PR	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: Sr standing in music therapy CR Selected field experience in approved clinical facilities; field evaluation of student.									
FAR	MUS	MUS	4930	Independent Project	IND	EL	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Permission required PR Independent project in music studies or performance.									
FAR	MUS	MUS	4930	Independent Project	IND	IS	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Permission required PR Independent project in music studies or performance.									
FAR	MUS	MUS	4931	Music Clinic Workshop	IND	EL	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (Music education or therapy major) and Sr only Music workshop for public school teachers.									
FAR	MUS	MUS	4931	Music Clinic Workshop	IND	IS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (Music education or therapy major) and Sr only Music workshop for public school teachers.									
FAR	MUS	MUS	4940	Junior Recital	RSC	RS	2	0	3	I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Permission required and music major and Jr in applied music PR Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.									
FAR	MUS	MUS	4941	Senior Recital	RSC	RS	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4940 and Sr in applied music Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.									
FAR	MUS	MUS	4943	Recital	RSC	RS	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
		COURSE DESC:		REQUISITE: Jr or Sr PR, F Junior or senior recital for non-applied majors.									
FAR	MUS	MUS	4950	Senior Thesis I	TUT	TU	1	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE: Music major and Sr only PR Independent research in music theory or music history, or major creative work in music composition, working toward a senior-level thesis or composition final project.									
FAR	MUS	MUS	4951	Senior Thesis II	TUT	TU	2	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 4950 Independent research in music theory or music history, or major creative work in music composition, completing a senior thesis. Continuation of MUS 4950.									
FAR	MUS	MUS	4970T	Thesis Research and Creative Activity/Writing I	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: MUS 3980T Honors College tutorial for the thesis, first semester of two.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4980T	Thesis Research and Creative Activity/Writing II	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4970T and HTC									
		COURSE DESC:		Honors College tutorial for the thesis, second semester of two.									
FAR	MUS	MUS	5000	Tonal Theory Review	LEC	LE	1.5	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Review of tonal music theory for entering graduate students. Assignment to class based on results of the Graduate Music Theory Placement Examination. Course seven weeks in duration. No credit given toward the music theory requirement in any graduate program in the School of Music.									
FAR	MUS	MUS	5001	Post-Tonal Theory Review	LEC	EL	1.5	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Review of theory of post-tonal music (music from circa 1900 on); course seven weeks in length. Assignment to course based on results of the Graduate Music Theory Placement Examination. Will not satisfy the music theory requirement of any graduate program in the School of Music.									
FAR	MUS	MUS	5001	Post-Tonal Theory Review	LEC	LE	1.5	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Review of theory of post-tonal music (music from circa 1900 on); course seven weeks in length. Assignment to course based on results of the Graduate Music Theory Placement Examination. Will not satisfy the music theory requirement of any graduate program in the School of Music.									
FAR	MUS	MUS	5020	Introduction to Schenkerian Analysis	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Pass Graduate Music Theory Exam or MUS 5000									
		COURSE DESC:		Introduction to the analytical technique pioneered by the work of Heinrich Schenker.									
FAR	MUS	MUS	5020	Introduction to Schenkerian Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Pass Graduate Music Theory Exam or MUS 5000									
		COURSE DESC:		Introduction to the analytical technique pioneered by the work of Heinrich Schenker.									
FAR	MUS	MUS	5030	Post-Tonal Analysis	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Pass Graduate Music Theory Exam or MUS 5001									
		COURSE DESC:		Analysis of music written from circa 1900. Pitch and rhythmic structures, textures, and forms of music written since the turn of the 20th century.									
FAR	MUS	MUS	5040	Theory Pedagogy	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MUS 5020 or 5030 or 5070 or 5071									
		COURSE DESC:		Designed to meet needs of students who plan to teach theory at college level. Current materials and pedagogical approaches surveyed.									
FAR	MUS	MUS	5050	Jazz Theory I	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Keyboard skills									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	5050	Jazz Theory I	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Keyboard skills									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	5051	Jazz Theory II	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 5050									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	5051	Jazz Theory II	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 5050									
		COURSE DESC:		Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	MUS	5070	Counterpoint I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis and composition in sacred style of 16th century.									
FAR	MUS	MUS	5071	Counterpoint II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Analysis and composition of early 18th-century contrapuntal forms, mostly in the style of Johann Sebastian Bach and his contemporaries.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5080	Composition, Non-Major	TUT	TU	2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Non-composition major									
		COURSE DESC:		CR, PR Introduction to contemporary compositional techniques. Writing smaller compositions.									
FAR	MUS	MUS	5090	Composition	STU	ST	3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Composition major									
		COURSE DESC:		CR, PR Introduction to contemporary compositional techniques. Writing smaller compositions.									
FAR	MUS	MUS	5130	History and Practice of Electronic Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.									
FAR	MUS	MUS	5130	History and Practice of Electronic Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.									
FAR	MUS	MUS	5140	Advanced Orchestration	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Problems in scoring original works for modern symphony orchestra. Satisfactory scores performed by Ohio University Symphony Orchestra.									
FAR	MUS	MUS	5140	Advanced Orchestration	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Problems in scoring original works for modern symphony orchestra. Satisfactory scores performed by Ohio University Symphony Orchestra.									
FAR	MUS	MUS	5150	Computers and Music Production	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	MUS	5150	Computers and Music Production	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	MUS	5160	Project in Electronic Music	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Creating a major project using MIDI synthesizers and software and/or digital audio.									
FAR	MUS	MUS	5160	Project in Electronic Music	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		PR, F Creating a major project using MIDI synthesizers and software and/or digital audio.									
FAR	MUS	MUS	5170	Computer Music Programming	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Concepts of computer music programming and digital sound synthesis. Topics include software design/realization, FM, additive, and granular synthesis, sampling, and sequencing.									
FAR	MUS	MUS	5170	Computer Music Programming	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Concepts of computer music programming and digital sound synthesis. Topics include software design/realization, FM, additive, and granular synthesis, sampling, and sequencing.									
FAR	MUS	MUS	5210	Literature of Choral Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of major choral works throughout music history.									
FAR	MUS	MUS	5210	Literature of Choral Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of major choral works throughout music history.									
FAR	MUS	MUS	5211	Literature of Piano Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of the major works for the piano and their composers.									
FAR	MUS	MUS	5211	Literature of Piano Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of the major works for the piano and their composers.									

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FAR	MUS	MUS	5212	Literature of Chamber Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of instrumental chamber music from 1650 to the present.									
FAR	MUS	MUS	5212	Literature of Chamber Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of instrumental chamber music from 1650 to the present.									
FAR	MUS	MUS	5213	Literature of Orchestral Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									
FAR	MUS	MUS	5213	Literature of Orchestral Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									
FAR	MUS	MUS	5214	Literature of Organ Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of the principal works for organ, circa 1300 to the present.									
FAR	MUS	MUS	5214	Literature of Organ Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of the principal works for organ, circa 1300 to the present.									
FAR	MUS	MUS	5215	Literature of Opera	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of opera literature from its inception circa 1600 to the present.									
FAR	MUS	MUS	5215	Literature of Opera	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of opera literature from its inception circa 1600 to the present.									
FAR	MUS	MUS	5216	Literature of Band Music	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	MUS	5216	Literature of Band Music	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	MUS	5240	History of Musical Styles I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		History of music with survey of music literature to approximately 1700. May be taken to satisfy in part the Graduate Music History Placement Examination requirements of the School of Music. No credit given toward the music history and literature course requirement for any graduate degree in the School of Music.									
FAR	MUS	MUS	5240	History of Musical Styles I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		History of music with survey of music literature to approximately 1700. May be taken to satisfy in part the Graduate Music History Placement Examination requirements of the School of Music. No credit given toward the music history and literature course requirement for any graduate degree in the School of Music.									
FAR	MUS	MUS	5241	History of Musical Styles II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		History of music with survey of music literature from approximately 1700 to the present day. May be taken to satisfy in part the Graduate Music History Placement Examination requirements of the School of Music. No credit given toward the music history and literature course requirement for any graduate degree in the School of Music.									
FAR	MUS	MUS	5241	History of Musical Styles II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		History of music with survey of music literature from approximately 1700 to the present day. May be taken to satisfy in part the Graduate Music History Placement Examination requirements of the School of Music. No credit given toward the music history and literature course requirement for any graduate degree in the School of Music.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5250	Music of Africa ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	G40		0
				GEC1: A-F REQUISITE: Introduction to African music, with particular reference to the organization of music in community life, performance events, performing groups, instrumental resources, and interrelations of music and cognate arts. Aspects of history, sociopolitical organization, religion, customary practices, human mobility, language, and economic activity provide the necessary and wider content for understanding the music, musical instruments, and music makers.									
FAR	MUS	MUS	5260	African Music and Related Arts ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	G40		0
				GEC1: A-F REQUISITE: Explores the interdisciplinary nature of African music. Examines the relationship between music and other cognate arts, such as language, dance, visual and crafted arts, games and other physical activities, pantomime, drama and theater, social/cultural activities, and folk media.									
FAR	MUS	MUS	5270	Folk Music in the United States ELIGIBLE GRADES: COURSE DESC:	LEC	EL	2	0		N	G40		0
				GEC1: A-F REQUISITE: Introduction to selected types of folk music in United States.									
FAR	MUS	MUS	5270	Folk Music in the United States ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	G40		0
				GEC1: A-F REQUISITE: Introduction to selected types of folk music in United States.									
FAR	MUS	MUS	5280	Jazz History ELIGIBLE GRADES: COURSE DESC:	LEC	EL	2	0		N	G40		0
				GEC1: A-F REQUISITE: Study of jazz styles to 1970.									
FAR	MUS	MUS	5280	Jazz History ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	G40		0
				GEC1: A-F REQUISITE: Study of jazz styles to 1970.									
FAR	MUS	MUS	5400	Voice ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio lessons in voice.									
FAR	MUS	MUS	5410	Piano ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in piano.									
FAR	MUS	MUS	5420	Harpichord ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in harpsichord.									
FAR	MUS	MUS	5421	Violin ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in violin.									
FAR	MUS	MUS	5422	Viola ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in viola.									
FAR	MUS	MUS	5423	Violoncello ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in violoncello.									
FAR	MUS	MUS	5424	Double Bass ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in double bass.									
FAR	MUS	MUS	5425	Harp ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in harp.									

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FAR	MUS	MUS	5430	Flute ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in flute.									
FAR	MUS	MUS	5431	Oboe ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in oboe.									
FAR	MUS	MUS	5432	Clarinet ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in clarinet.									
FAR	MUS	MUS	5433	Bassoon ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in bassoon.									
FAR	MUS	MUS	5434	Saxophone ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in saxophone.									
FAR	MUS	MUS	5440	Trumpet ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in trumpet.									
FAR	MUS	MUS	5441	Horn ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in horn.									
FAR	MUS	MUS	5442	Trombone ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in trombone.									
FAR	MUS	MUS	5443	Euphonium ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in euphonium.									
FAR	MUS	MUS	5444	Tuba ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in tuba.									
FAR	MUS	MUS	5450	Percussion ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in percussion instruments.									
FAR	MUS	MUS	5460	Organ ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Studio instruction in organ.									
FAR	MUS	MUS	5470	Brass Choir ELIGIBLE GRADES: COURSE DESC:	STU	ST	1	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Performance of literature for large brass ensemble.									
FAR	MUS	MUS	5471	Applied Guitar ELIGIBLE GRADES: COURSE DESC:	STU	ST	1 to 6	999		N	G40		0
				GEC1: A-F REQUISITE: Studio instruction in guitar.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5480	African Ensemble I	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the practices of drumming ensembles in traditional sub-Saharan African societies presented in a studio and lecture format. Introduction to variety of procedures, concepts, and structures that may be used in the understanding of specific musical ensembles in West Africa. Films and videotapes provide visual examples.									
FAR	MUS	MUS	5481	African Ensemble II	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Audition						
		COURSE DESC:		Advanced study and performance of African music and dance in an ensemble setting from sub-Saharan Africa. Students employ various African performance techniques and to demonstrate their skills using the master drum, supporting instruments, singing and dance. Films and videotapes provide visual examples. Opportunities to perform on campus and also tour with the ensemble.									
FAR	MUS	MUS	5490	Collaborative Piano	TUT	TU	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	Applied private instruction dealing with the technical and practical skills involved in collaborative playing with vocalists and instrumentalists.								
FAR	MUS	MUS	5500	Accompanying	TUT	TU	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR	Basic problems in accompanying vocalists and instrumentalists--rehearsal techniques, ensemble, pedaling, balance, etc. May be repeated.								
FAR	MUS	MUS	5510	Marching Band	STU	ST	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Marching band for football and other university activities.								
FAR	MUS	MUS	5511	Wind Symphony	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of literature for the wind symphony.								
FAR	MUS	MUS	5512	University Concert Band	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of literature for concert band.								
FAR	MUS	MUS	5513	Varsity Band	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Provide music for various university indoor athletic events.								
FAR	MUS	MUS	5514	Symphonic Band	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of literature for large concert band.								
FAR	MUS	MUS	5520	Symphony Orchestra	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of literature for the symphony orchestra.								
FAR	MUS	MUS	5521	Campus Orchestra	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	All-campus orchestra open to all members of the community. Performance of literature for symphony orchestra.								
FAR	MUS	MUS	5530	University Singers	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of music for SATB choir.								
FAR	MUS	MUS	5531	Choral Union	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Audition						
		COURSE DESC:		CR, PR	Performance of music for large chorus, including literature for chorus and instruments.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5532	Opera Theater	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR									
		COURSE DESC:		Preparation and performance of musical works for the stage.									
FAR	MUS	MUS	5533	The Singing Men of Ohio	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR									
		COURSE DESC:		Preparation and performance of music for men's choir.									
FAR	MUS	MUS	5534	Women's Chorale	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR									
		COURSE DESC:		Performance and preparation of music for women's chorus.									
FAR	MUS	MUS	5540	Chamber Music, Strings	STU	ST	.5	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Participation in playing of standard string chamber literature.									
FAR	MUS	MUS	5541	Chamber Music, Woodwinds	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Participation in playing of standard woodwind chamber literature.									
FAR	MUS	MUS	5542	Chamber Music, Brass	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Participation in playing of standard brass chamber literature.									
FAR	MUS	MUS	5543	Chamber Music, Percussion	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Participation in playing of standard percussion chamber literature.									
FAR	MUS	MUS	5544	Chamber Music, Contemporary	STU	ST	.5	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		New music ensemble. Participation in performing contemporary chamber music for various ensembles of instruments and voices.									
FAR	MUS	MUS	5545	Chamber Music, Piano	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Participation in playing of standard piano chamber literature.									
FAR	MUS	MUS	5550	Jazz Ensemble	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR									
		COURSE DESC:		Rehearsal and performance of various jazz instrumental ensembles, including big band and combo.									
FAR	MUS	MUS	5551	Percussion Ensemble	STU	ST	1	999		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Percussion ensemble rehearsal and performance.									
FAR	MUS	MUS	5552	Trombone Choir	STU	ST	.5	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Performance and preparation of music for trombone choir.									
FAR	MUS	MUS	5570	String Instrument Pedagogy and Repertoire	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Teaching techniques and use of selected materials for various levels of ability. Includes practical experience in teaching string instruments. Also, solo performance and teaching repertoire for each string instrument.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5571	Woodwind Instrument Pedagogy and Repertoire	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Pedagogy practices and literature of woodwind instruments. Solo performance repertoire.									
FAR	MUS	MUS	5572	Brass Instrument Pedagogy and Repertoire	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Current pedagogy and teaching materials for brass instruments. Solo performance repertoire for brass.									
FAR	MUS	MUS	5573	Solo Vocal Repertoire I: French and British	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Intensive survey of the solo vocal literature of England and France from the early 17th century to the present day.									
FAR	MUS	MUS	5573	Solo Vocal Repertoire I: French and British	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Intensive survey of the solo vocal literature of England and France from the early 17th century to the present day.									
FAR	MUS	MUS	5574	Solo Vocal Repertoire II: Germany and United States	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.									
FAR	MUS	MUS	5574	Solo Vocal Repertoire II: Germany and United States	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.									
FAR	MUS	MUS	5575	Percussion Instruments Pedagogy and Repertoire	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Pedagogy and solo repertoire of percussion instruments.									
FAR	MUS	MUS	5576	Keyboard Repertoire I	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	MUS	5576	Keyboard Repertoire I	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	MUS	5577	Keyboard Repertoire II	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	MUS	5577	Keyboard Repertoire II	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	MUS	5580	Piano Pedagogy I	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.									

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FAR	MUS	MUS	5581	Piano Pedagogy II	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.									
FAR	MUS	MUS	5582	Group Piano Pedagogy	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Foundational principles of teaching piano in group environments and issues surrounding this topic. Additional course content addresses current trends in technology and their application to piano teaching.									
FAR	MUS	MUS	5582	Group Piano Pedagogy	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Foundational principles of teaching piano in group environments and issues surrounding this topic. Additional course content addresses current trends in technology and their application to piano teaching.									
FAR	MUS	MUS	5583	Organ Pedagogy	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									
FAR	MUS	MUS	5583	Organ Pedagogy	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									
FAR	MUS	MUS	5584	Voice Pedagogy Survey	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Survey of techniques, methods, and literature pertaining to the teaching of the voice.									
FAR	MUS	MUS	5590	Advanced Instrumental Conducting	SEM	EL	2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced reading and conducting of large instrumental works.									
FAR	MUS	MUS	5590	Advanced Instrumental Conducting	SEM	SE	2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced reading and conducting of large instrumental works.									
FAR	MUS	MUS	5591	Advanced Choral Conducting	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced reading and conducting of large choral works. Standard and new works for public school and college groups.									
FAR	MUS	MUS	5591	Advanced Choral Conducting	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced reading and conducting of large choral works. Standard and new works for public school and college groups.									
FAR	MUS	MUS	5592	Applied Conducting	STU	ST	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Select, private instruction at the advanced level. Emphasis placed on refining the individual student's conducting ability and musicianship. Gestural study, score study, and score reading are part of course. Repertoire for degree recitals provide the primary focus for study.									
FAR	MUS	MUS	5630	Instrumental Techniques and Materials	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced techniques for high school and college instrumental groups. Literature and materials.									
FAR	MUS	MUS	5630	Instrumental Techniques and Materials	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Advanced techniques for high school and college instrumental groups. Literature and materials.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5640	Marching Band Techniques	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Techniques for preparation of high school and college marching band performance.									
FAR	MUS	MUS	5640	Marching Band Techniques	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Techniques for preparation of high school and college marching band performance.									
FAR	MUS	MUS	5650	Choral Techniques and Materials	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Advanced techniques for high school and college vocal groups. Literature and materials.									
FAR	MUS	MUS	5650	Choral Techniques and Materials	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Advanced techniques for high school and college vocal groups. Literature and materials.									
FAR	MUS	MUS	5660	Contemporary Elementary Music Education	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Advanced course in techniques and materials for elementary music teaching such as Orff, Kodaly, Gordon theory, and critical thinking.									
FAR	MUS	MUS	5660	Contemporary Elementary Music Education	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
				PR									
		COURSE DESC:		Advanced course in techniques and materials for elementary music teaching such as Orff, Kodaly, Gordon theory, and critical thinking.									
FAR	MUS	MUS	5661	Introduction to Orff Schulwerk	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	MUS	5661	Introduction to Orff Schulwerk	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	MUS	5662	Early Childhood Music Education	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	MUS	5662	Early Childhood Music Education	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	MUS	5680	General Music in Junior High School	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Advanced course in techniques and materials for junior high school music teaching such as team teaching, learning stations, and humanities.									
FAR	MUS	MUS	5680	General Music in Junior High School	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
				CR, PR									
		COURSE DESC:		Advanced course in techniques and materials for junior high school music teaching such as team teaching, learning stations, and humanities.									
FAR	MUS	MUS	5700	History of Film Music	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course traces the history and development of film music through lecture, reading and film viewing/music listening- investigating the process of film scoring and how music and its relationship to film have changed over the last century. The emphasis will be on how different composers, in their unique historical/cultural contexts, contribute to the emotional and psychological subtext of a narrative through music and the musical vocabularies that are part of the scoring for film process.									
FAR	MUS	MUS	5700X	History of Film Music	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course traces the history and development of film music through lecture, reading and film viewing/music listening-investigating the process of film scoring and how music and its relationship to film have changed over the last century. The emphasis will be on how different composers, in their unique historical/cultural contexts, contribute to the emotional and psychological subtext of a narrative through music and the musical vocabularies that are part of the scoring for film process.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5720	Advanced Functional Skills	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Instruction providing greater facility in handling basic functional keyboard skills. Emphasis on transferring these skills to actual situations encountered as music educators and/or music therapists.									
FAR	MUS	MUS	5750	English and Italian Diction for Singers	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	5752	German Diction for Singers	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	5753	French Diction for Singers	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	MUS	5754	Vocal Coaching	TUT	TU	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Prepares singer for performance in concert, recital and opera. Aspects covered include style, performance practice, lyric diction, interpretation, and audition preparation. Includes preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.									
FAR	MUS	MUS	5770	Jazz Improvisation I	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Learning and applying through improvisation the Ionian, Dorian, and Mixolydian modes, the ii-V7-I progression, and culminating with a final project utilizing the song form.									
FAR	MUS	MUS	5771	Jazz Improvisation II	LEC	LE	1	2		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required Learning and applying through improvisation the whole tone, diminished and blues scales, the Aeolian and Location modes, the ii-V7-I progression, and culminating with final project utilizing blues form.									
FAR	MUS	MUS	5790	Performance Preparation	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: PR, F A practical course aimed at assisting students in developing strategies for preparing themselves physically and psychologically to achieve their maximal performance potential. The course will include components in basic anatomy, physical fitness, healthy body alignment, injury prevention, vocal wellness, nutrition, yoga, tai chi, and qi gong, stress management, and intervention strategies for coping with performance anxiety. Faculty with special training in the various disciplines will teach the individual course components.									
FAR	MUS	MUS	5790	Performance Preparation	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: PR, F A practical course aimed at assisting students in developing strategies for preparing themselves physically and psychologically to achieve their maximal performance potential. The course will include components in basic anatomy, physical fitness, healthy body alignment, injury prevention, vocal wellness, nutrition, yoga, tai chi, and qi gong, stress management, and intervention strategies for coping with performance anxiety. Faculty with special training in the various disciplines will teach the individual course components.									
FAR	MUS	MUS	5820	Psychological Foundations of Music Therapy	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Theory of music therapy, survey of current literature and trends in music therapy; influence of music on behavior, physiology, emotions, learning, and work performance; a research study required.									
FAR	MUS	MUS	5820	Psychological Foundations of Music Therapy	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Theory of music therapy, survey of current literature and trends in music therapy; influence of music on behavior, physiology, emotions, learning, and work performance; a research study required.									
FAR	MUS	MUS	5830	Research in Music Therapy	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: CR, PR Introduction to graduate research in music therapy.									
FAR	MUS	MUS	5830	Research in Music Therapy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: CR, PR Introduction to graduate research in music therapy.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5840	Clinical Practice in Music Therapy	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Music therapy major									
				Review and analysis of music therapy techniques with various populations and assessment of their effectiveness; design and implementation of music therapy programs for various populations (alternatives and strategies); assessment with various populations; communication across various clinical disciplines in various settings.									
FAR	MUS	MUS	5840	Clinical Practice in Music Therapy	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Music therapy major									
				Review and analysis of music therapy techniques with various populations and assessment of their effectiveness; design and implementation of music therapy programs for various populations (alternatives and strategies); assessment with various populations; communication across various clinical disciplines in various settings.									
FAR	MUS	MUS	5850	Seminar in Music Therapy	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Music therapy major									
				Current topics in music therapy, including national trends and problems in the field; administrative concerns in developing and enhancing music therapy programs; leadership in music therapy, including skills and strategies for effecting change at various levels; legislative activity and organizational activity.									
FAR	MUS	MUS	5850	Seminar in Music Therapy	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Music therapy major									
				Current topics in music therapy, including national trends and problems in the field; administrative concerns in developing and enhancing music therapy programs; leadership in music therapy, including skills and strategies for effecting change at various levels; legislative activity and organizational activity.									
FAR	MUS	MUS	5860	Graduate Seminar: Teaching Music in Higher Education	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F									
		COURSE DESC:		REQUISITE:									
				Assists the graduate teaching assistant, especially one with little or no prior teaching background, in making a smooth transition into his or her teaching duties at the Ohio University School of Music.									
FAR	MUS	MUS	5900	Special Topics in Music Therapy	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR									
		COURSE DESC:		RELEVANT TOPICS: Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.									
FAR	MUS	MUS	5900	Special Topics in Music Therapy	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR									
		COURSE DESC:		RELEVANT TOPICS: Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.									
FAR	MUS	MUS	5901	Special Topics in Tonal Analysis	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of music in the tonal tradition; some attention will be paid to pre-tonal structures leading toward tonality. Specific pieces, genres, and topics will vary.									
FAR	MUS	MUS	5902	Special Topics in Post-Tonal Analysis	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.									
FAR	MUS	MUS	5903	Special Topics in Music Theory	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR									
		COURSE DESC:		REQUISITE:									
				Seminar in special topics in music theory; topics may include but are not limited to analysis, history of music theory, music cognition and perception, or contemporary theories of music.									
FAR	MUS	MUS	5920	Advanced Music Therapy Practicum	PRA	PR	1	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR									
		COURSE DESC:		REQUISITE:									
				Field experience with various clinical populations; supervision and leadership in field experience.									
FAR	MUS	MUS	5921	Practicum in Music	PRA	PR	1 to 2	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides practical experiences such as supervised private and/or small-group teaching, seminars in instrument repair, small touring ensembles, and pit orchestra performance.									
FAR	MUS	MUS	6100	Seminar in Music Theory	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Topics in music theory, including but not limited to issues in analysis, the history of music theory, cognition and perception, aesthetics as pertaining to theory, the music of individual composers, pedagogy, etc. Specific topics will be announced prior to each quarter the course is taught.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	6100	Seminar in Music Theory	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Topics in music theory, including but not limited to issues in analysis, the history of music theory, cognition and perception, aesthetics as pertaining to theory, the music of individual composers, pedagogy, etc. Specific topics will be announced prior to each quarter the course is taught.									
FAR	MUS	MUS	6200	Seminar in Theory, Music History and Literature	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individual studies of problems in music history and theory. Methods of music research and use of music bibliography.									
FAR	MUS	MUS	6200	Seminar in Theory, Music History and Literature	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Individual studies of problems in music history and theory. Methods of music research and use of music bibliography.									
FAR	MUS	MUS	6300X	Seminar in World Music: Topics in World Music Performance	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 6200									
		COURSE DESC:		Graduate students investigate the performance of contemporary music in Africa, Asia, the Middle East, Oceania, Europe, and the Americas.									
FAR	MUS	MUS	6310	Music Genres and Styles to 1520	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music as artistic and theoretical expression of human thought from antiquity into the Renaissance; history of musical styles to 1520.									
FAR	MUS	MUS	6310	Music Genres and Styles to 1520	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music as artistic and theoretical expression of human thought from antiquity into the Renaissance; history of musical styles to 1520.									
FAR	MUS	MUS	6320	Renaissance and Baroque Music	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music of the high Renaissance through the age of concertato and basso continuo. Musical styles and genera from the death of Josquin to J. S. Bach (circa 1520-1750).									
FAR	MUS	MUS	6320	Renaissance and Baroque Music	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music of the high Renaissance through the age of concertato and basso continuo. Musical styles and genera from the death of Josquin to J. S. Bach (circa 1520-1750).									
FAR	MUS	MUS	6330	Classic and Romantic Music to 1880	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Classicism and romanticism in music from the 1740's through 1880.									
FAR	MUS	MUS	6330	Classic and Romantic Music to 1880	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Classicism and romanticism in music from the 1740's through 1880.									
FAR	MUS	MUS	6340	Post-Romantic and Contemporary Music	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music as artistic expression of the period from 1880 to the present.									
FAR	MUS	MUS	6340	Post-Romantic and Contemporary Music	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Music as artistic expression of the period from 1880 to the present.									
FAR	MUS	MUS	6370	Analysis of Music Notation	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of music notation from monophonic notation systems through the Ars Nova.									

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FAR	MUS	MUS	6370	Analysis of Music Notation	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Survey of music notation from monophonic notation systems through the Ars Nova.									
FAR	MUS	MUS	6700	Contemporary Trends in Music Education	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Contemporary topics in music education, including national trends and challenges in the field. Involves an investigation of the current practices in music education and the implementation of these in the public schools.									
FAR	MUS	MUS	6700	Contemporary Trends in Music Education	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Contemporary topics in music education, including national trends and challenges in the field. Involves an investigation of the current practices in music education and the implementation of these in the public schools.									
FAR	MUS	MUS	6710	Advanced Topics in Music Education I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Various topics in music education (including various methods of measuring musical aptitude and achievement) and study of experimental research methodology.									
FAR	MUS	MUS	6710	Advanced Topics in Music Education I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Various topics in music education (including various methods of measuring musical aptitude and achievement) and study of experimental research methodology.									
FAR	MUS	MUS	6720	Advanced Topics in Music Education II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		History and philosophy of American music education.									
FAR	MUS	MUS	6720	Advanced Topics in Music Education II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		History and philosophy of American music education.									
FAR	MUS	MUS	6750	Introduction to Graduate Studies in Music Education	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to graduate study and research methods in music education.									
FAR	MUS	MUS	6750	Introduction to Graduate Studies in Music Education	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to graduate study and research methods in music education.									
FAR	MUS	MUS	6770	Organization and Administration of School Music	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Administration and supervision of school music programs. Role of supervisor, consultant, director, or coordinator of music in public schools. Personnel, materials and equipment, finance, curriculum, in-service training, and community-school relationships.									
FAR	MUS	MUS	6900	Special Topics in Music	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
FAR	MUS	MUS	6900	Special Topics in Music	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	6930	Independent Study	IND	IS	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent research or creative activity under guidance of faculty member.									
FAR	MUS	MUS	6931	Professional/Clinical Project in Music Education	IND	EL	2 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Original, professional, or clinical demonstration project resulting in a written paper suitable for presentation or publication at a professional meeting or in a professional journal.									
FAR	MUS	MUS	6931	Professional/Clinical Project in Music Education	IND	IS	2 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Original, professional, or clinical demonstration project resulting in a written paper suitable for presentation or publication at a professional meeting or in a professional journal.									
FAR	MUS	MUS	6950	Thesis	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Large research or creative project in music history, music theory, composition, music education, or music therapy. Culminating project for the Master of Music degree in these fields.									
FAR	MUS	MUS	6970	Recital	TUT	TU	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Full-length public recital. A recording of the degree recital will be filed in the Music/Dance library.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GRAD	GRAD	IIP	6941	Professional Seminar 1	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Professional Seminar 1 is a forum for students studying in the PhD IIP program. The seminar will facilitate conversations on scholarship and what it means to take on the challenge of bringing an interdisciplinary perspective to projects/assignments. The focus for this Professional Seminar is, first, on orienting students to the IIP requirements and the challenges involved in crafting a graduate degree program. Second, we examine a variety of issues related to scholarship, including: (1) finding your voice as a scholar, (2) conference participation, (3) the process of scholarly publication, (4) grant writing, and (5) writing a research paper/dissertation.									
GRAD	GRAD	IIP	6942	Professional Seminar 2	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Admission into IIP Masters or PhD program									
		COURSE DESC:		Course is limited to IIP students enrolled in the PhD program. One IIP requirement for these students is to actively participate in a conference, workshop, or other forum where graduate students present their research and/or creative work relevant to their graduate program. A second IIP requirement for PhD students is to submit a paper, relevant to his/her graduate program, for peer review and possible publication in an appropriate journal or by an appropriate publishing house.									
GRAD	GRAD	TBS	5680	Foundations in Bioethics	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Bioethics is concerned with questions about basic human values and the rights and duties of both society and healthcare researchers and providers. The course prepares students to act in the best interests of society. The course will explore the foundational concepts of bioethics in the context of real world case studies.									
GRAD	GRAD	TBS	5680	Foundations in Bioethics	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Bioethics is concerned with questions about basic human values and the rights and duties of both society and healthcare researchers and providers. The course prepares students to act in the best interests of society. The course will explore the foundational concepts of bioethics in the context of real world case studies.									
GRAD	GRAD	TBS	5720	Tools for Translational Research	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Tools in translational research is a survey course designed to acquaint students with the methods and approaches used in translational biomedical sciences. It will include basic methods for molecular biology and basic research in bio-medicine; clinical trails in animal models and humans; regulatory considerations; intellectual property issues; public health approaches; public policy approaches; community-based research; comparative effectiveness research;medical informatics as well as statistical and epidemiological methodology.									
GRAD	GRAD	TBS	5720	Tools for Translational Research	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Tools in translational research is a survey course designed to acquaint students with the methods and approaches used in translational biomedical sciences. It will include basic methods for molecular biology and basic research in bio-medicine; clinical trails in animal models and humans; regulatory considerations; intellectual property issues; public health approaches; public policy approaches; community-based research; comparative effectiveness research;medical informatics as well as statistical and epidemiological methodology.									
GRAD	GRAD	TBS	6220	Translational Biomedical Sciences Career Development Seminar	SEM	SE	1	18		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This is a seminar designed to provide an overview of trends in translational biomedicine and to promote an understanding of the competencies needed to work effectively in the field.									
GRAD	GRAD	TBS	6500	Capstone Experience in Translational Biomedical Science Competencies	IND	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	TBS	6500	Capstone Experience in Translational Biomedical Science Competencies	IND	IS	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	TBS	6500	Capstone Experience in Translational Biomedical Science Competencies	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									

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GRAD	GRAD	TBS	6500	Capstone Experience in Translational Biomedical Science Competencies	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	TBS	6940	Independent Research in Translational Biomedical Sciences	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Research under direction of faculty member(s). As early as the first semester of graduate study, a student in the TBS program must begin to engage in research under the supervision of a TBS graduate faculty. During this time, the student will interact with TBS faculty open to accept TBS students into their established collaborative interdisciplinary research programs.									
GRAD	GRAD	TBS	7001	Data Analytics for Translational Biomedical Sciences	IND	IS	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The scope of this analytics course focuses primarily on three diverse perspectives germane to analytics: 1) Quantitative Methodology; 2) Decision Sciences, and; 3) Data Management. Recognizing that translational biomedical sciences present ethical as well as technical challenges, course activities are designed to teach students how data can be used to support opposing views on a particular issue germane to bioethics.									
GRAD	GRAD	TBS	7001	Data Analytics for Translational Biomedical Sciences	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The scope of this analytics course focuses primarily on three diverse perspectives germane to analytics: 1) Quantitative Methodology; 2) Decision Sciences, and; 3) Data Management. Recognizing that translational biomedical sciences present ethical as well as technical challenges, course activities are designed to teach students how data can be used to support opposing views on a particular issue germane to bioethics.									
GRAD	GRAD	TBS	7001	Data Analytics for Translational Biomedical Sciences	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The scope of this analytics course focuses primarily on three diverse perspectives germane to analytics: 1) Quantitative Methodology; 2) Decision Sciences, and; 3) Data Management. Recognizing that translational biomedical sciences present ethical as well as technical challenges, course activities are designed to teach students how data can be used to support opposing views on a particular issue germane to bioethics.									
GRAD	GRAD	TBS	8950	Doctoral Research and Dissertation in Translational Biomedical Sciences	THE	TH	1 to 15	135		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Satisfactory completion of the TBS core competency requirements and passing the qualifying examination						
		COURSE DESC:		CR, PR	Advanced specialized research in area of interest, culminating in a doctoral dissertation.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	2900	Special Topics in Environmental Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	ES	ES	2900	Special Topics in Environmental Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	ES	ES	2970T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR									
		COURSE DESC:		Special environmental studies course offered for students in the Honors Tutorial College.									
GVS	ES	ES	2971T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2980T and HTC CR, PR									
		COURSE DESC:		Tutorial for second year HTC students in Environmental Studies.									
GVS	ES	ES	2980T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2970T and HTC CR, PR									
		COURSE DESC:		Honors tutorial for students in environmental studies.									
GVS	ES	ES	2981T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2971T and HTC CR, PR									
		COURSE DESC:		Tutorial for HTC students in Environmental Studies.									
GVS	ES	ES	3970T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2981T and HTC CR, PR									
		COURSE DESC:		Tutorial for 3rd year HTC students in Environmental Studies.									
GVS	ES	ES	3980T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 3970T and HTC CR, PR									
		COURSE DESC:		Tutorial course for 3rd year HTC students in Environmental Studies.									
GVS	ES	ES	4250	Watershed Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 2750 or 3750 or P BIO 2090) and (CHEM 1210 or 1510)									
		COURSE DESC:		Examine the major chemical and biological factors that affect watershed health and how to incorporate them into a watershed management plan in consultation with stakeholders. Discuss the importance of stakeholder engagement and identify key stakeholders and the key social, legal and economic issues that will affect management decisions.									
GVS	ES	ES	4250	Watershed Management	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 2750 or 3750 or P BIO 2090) and (CHEM 1210 or 1510)									
		COURSE DESC:		Examine the major chemical and biological factors that affect watershed health and how to incorporate them into a watershed management plan in consultation with stakeholders. Discuss the importance of stakeholder engagement and identify key stakeholders and the key social, legal and economic issues that will affect management decisions.									
GVS	ES	ES	4300	Field Methods in Environmental Studies	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Primarily field based class covering field methods in surface water, groundwater, aquatic biology (including headwaters), terrestrial ecology, soil and air quality sampling, evaluation and analysis. Focus is on how these methods apply to interdisciplinary environmental studies.									
GVS	ES	ES	4500	Environmental Studies Capstone Seminar	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Environmental studies certificate and Sr only									
		COURSE DESC:		This is an interdisciplinary seminar that incorporates problem-solving, critical thinking, and leadership skills in the context of a contemporary environmental issue. The course is team taught by faculty in several disciplines and will offer students perspectives from the sciences and humanities.									
GVS	ES	ES	4620	Environmental Science and Public Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Public administrators face a wide range of environmental science and policy challenges. This course develops skills in science literacy and environmental policy management. Students are empowered with tools for addressing environmental issues integral to economic development, infrastructure, and broader regulatory frameworks. This class explores the interaction between scientific analysis and policymaking through case studies at multiple levels of government.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	4710	Bioenergy: Science, Policy, and Business	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students gain an understanding of the historical uses, current trends, and potential future production of bioenergy. Students learn how to describe and interpret life-cycle impacts of bioenergy production systems. The course reviews national (U.S.) and international policies that regulate bioenergy production; and analyzes the crop species, agro-ecosystems, land managements, conversion technologies, co-products, transportation infrastructure, and end uses of bioenergy production pathways for both solid and liquid fuels. Students also evaluate the ecological impacts, land and water requirements, economic efficiencies, and energetic efficiencies of bioenergy systems relative to other energy systems.									
GVS	ES	ES	4720	Energy Systems and Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Energy systems are undergoing rapid change due to resource constraints, market forces, local, state, national, and international policy, and environmental impacts. Public administrators have a need to understand the implications of energy systems and the policies that govern them. This course presents traditional and emerging energy systems and how policy affects these systems.									
GVS	ES	ES	4832	Sustainability Implementation Practicum	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course involves students in a critical analysis of the Ohio University Sustainability Plan and community-based projects that support the Office of Sustainability's mission. Students are engaged in the exploration of contemporary environmental initiatives, leadership, professionalism and local issues. Implementation of effective projects and feasibility studies to advance institutional sustainability efforts provides students the opportunity to make meaningful changes within their campus and community. This course's focus allows students the opportunity to better define sustainability and the role it plays in their lives, enhance skills that encourage sustainable behaviors and make positive contributions to their health, the natural environment and the local community.									
GVS	ES	ES	4900	Special Topics in Environmental Studies	SEM	SE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	ES	4910	Environmental Studies Leadership Experience	INT	IN	1 to 5	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Experiential learning for students pursuing leadership emphasis in the undergraduate Environmental Studies Certificate Program. Work with external organization(s) to solve environmental problems.									
GVS	ES	ES	4970T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	ES 3980T and HTC						
		COURSE DESC:		CR, PR Tutorial course for 4th year HTC students in Environmental Studies.									
GVS	ES	ES	4980T	Environmental Studies Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	ES 4970T and HTC						
		COURSE DESC:		CR, PR Tutorial course for 4th year HTC students in Environmental Studies.									
GVS	ES	ES	5250	Watershed Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examine the major chemical and biological factors that affect watershed health and how to incorporate them into a watershed management plan in consultation with stakeholders. Discuss the importance of stakeholder engagement and identify key stakeholders and the key social, legal and economic issues that will affect management decisions.									
GVS	ES	ES	5250	Watershed Management	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examine the major chemical and biological factors that affect watershed health and how to incorporate them into a watershed management plan in consultation with stakeholders. Discuss the importance of stakeholder engagement and identify key stakeholders and the key social, legal and economic issues that will affect management decisions.									
GVS	ES	ES	5620	Environmental Science and Public Policy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Public administrators face a wide range of environmental science and policy challenges. This course develops skills in science literacy and environmental policy management. Students are empowered with tools for addressing environmental issues integral to economic development, infrastructure, and broader regulatory frameworks. This class explores the interaction between scientific analysis and policymaking through case studies at multiple levels of government.									
GVS	ES	ES	5710	Bioenergy: Science, Policy, and Business	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students gain an understanding of the historical uses, current trends, and potential future production of bioenergy. Students learn how to describe and interpret life-cycle impacts of bioenergy production systems. The course reviews national (U.S.) and international policies that regulate bioenergy production; and analyzes the crop species, agro-ecosystems, land managements, conversion technologies, co-products, transportation infrastructure, and end uses of bioenergy production pathways for both solid and liquid fuels. Students also evaluate the ecological impacts, land and water requirements, economic efficiencies, and energetic efficiencies of bioenergy systems relative to other energy systems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	5720	Energy Systems and Policy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Energy systems are undergoing rapid change due to resource constraints, market forces, local, state, national, and international policy, and environmental impacts. Public administrators have a need to understand the implications of energy systems and the policies that govern them. This course presents traditional and emerging energy systems and how policy affects these systems.									
GVS	ES	ES	5832	Sustainability Implementation Practicum	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course involves students in a critical analysis of the Ohio University Sustainability Plan and community-based projects that support the Office of Sustainability's mission. Students are engaged in the exploration of contemporary environmental initiatives, leadership, professionalism and local issues. Implementation of effective projects and feasibility studies to advance institutional sustainability efforts provides students the opportunity to make meaningful changes within their campus and community. This course's focus allows students the opportunity to better define sustainability and the role it plays in their lives, enhance skills that encourage sustainable behaviors and make positive contributions to their health, the natural environment and the local community.									
GVS	ES	ES	5900	Special Topics in Environmental Studies	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	ES	5900	Special Topics in Environmental Studies	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	ES	6580	Environmental Studies Colloquium	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:							
		COURSE DESC:		PR, F Forum for presentation of original research, literature reviews, and discussions of contemporary environmental issues. Presentation by students, faculty, and guests.									
GVS	ES	ES	6800	Seminar in Community-Based Environmental Studies	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Provides forum for discussion and analysis of contemporary environmental problems. Class includes orientation to the Appalachian region in the context of environmental issues.									
GVS	ES	ES	6810	Seminar in Environment and Society	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Interdisciplinary graduate-only offering covering such topics as natural resource conservation, environmental literacy, environmental ethics, policy, literature, and justice.									
GVS	ES	ES	6820	Ecology and Environmental Issues	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Interdisciplinary, graduate-only offering of a systems approach to an ecology course, focusing on the human-environment relationship.									
GVS	ES	ES	6830	Concepts in Environmental Sustainability	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines global and regional environmental issues and considers the scientific basis for policy options. Concepts and discussion of environmental sustainability.									
GVS	ES	ES	6840	Seminar in Environmental Leadership	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Examines the issues and challenges associated with environmental leadership. The course will explore how citizens, government, and environmental professionals can work collaboratively to address environmental issues at the local, state and national levels. Emphasis will be given to leadership in environmental policy, advocacy and science.									
GVS	ES	ES	6900	Special Topics in Environmental Studies	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Interdisciplinary, graduate only seminar that explores historical and contemporary environmental issues.									
GVS	ES	ES	6910	Environmental Studies Internship	INT	IN	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Offers graduate studies the opportunity to pursue practical experience in the environmental field.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	6940	Environmental Studies Research	RSC	RS	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		PR, F											
		COURSE DESC:		Research for students pursuing non-thesis track in Master of Science in Environmental Studies.									
GVS	ES	ES	6950	Environmental Studies Thesis	THE	TH	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		PR, F											
		COURSE DESC:		Thesis hours for MSES students. At most 8 hours will count toward the ES degree.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	ES	4920	Practicum in Environmental Studies	PRA	PR	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Offers opportunity to obtain credits for service-learning or special projects related to environmental issues.									
GVS	GVS	ES	4930	Independent Study in Environmental Studies	IND	IS	1 to 2	4		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Individual or small-group study of specialized topics in environmental studies under supervision of instructor.									
GVS	GVS	ES	5300	Field Methods in Environmental Studies	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Primarily field based class covering field methods in surface water, groundwater, aquatic biology (including headwaters), terrestrial ecology, soil and air quality sampling, evaluation and analysis. Focus is on how these methods apply to interdisciplinary environmental studies.									
GVS	GVS	ES	5301	Global Water Resources	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Explores global water use, scarcity, quality, and supply in the context of international development, climate change and land use.									
GVS	GVS	ES	5301	Global Water Resources	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Explores global water use, scarcity, quality, and supply in the context of international development, climate change and land use.									
GVS	GVS	ES	6801	Preparing for Environmental Leadership Practicum	SEM	SE	2	4		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		For Environmental Studies students who will be completing a practicum. Students are oriented to a range of organizations and materials for a successful practicum experience.									
GVS	GVS	ES	6831	Environmental Sustainability Assessment	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	ES	6831	Environmental Sustainability Assessment	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	ES	6831	Environmental Sustainability Assessment	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	ES	6920	Environmental Leadership Practicum	PRA	PR	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		PR For Environmental Studies students pursuing the leadership experience as part of their degrees. Involves working with an organization to solve a specific environment-related problem. Students take the initiative in finding the organization, negotiating a scope of work, and preparing a professional presentation.									
GVS	GVS	ES	6930	Independent Study in Environmental Studies	IND	IS	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Independent study for graduate students enrolled in Environmental Studies or interested in environmental topics.									
GVS	GVS	LPA	4010	Research Methods in Leadership and Public Affairs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Purpose of this course is to introduce students to the basic principles underlying social science research in the context of public affairs.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	4020	Advanced Research Methods in Leadership and Public Affairs	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LPA 4010									
		COURSE DESC:		Builds upon LPA 4010 by providing students with a firm grasp of the basic statistical tools and techniques necessary for program evaluation and policy analysis.									
GVS	GVS	LPA	4120	Public Personnel Administration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Philosophy, problems, and procedures of public personnel management: recruitment, training, promotion policies, position classification, and employer-employee relations.									
GVS	GVS	LPA	4140	Organizational Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2000									
		COURSE DESC:		Examines how organizations have been described and theorized in public administration.									
GVS	GVS	LPA	4590	Measuring Outcomes in Public and Nonprofit Organizations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on the skills needed to develop and implement an outcome system within a public or nonprofit organization. Methods for determining information needs for monitoring of service delivery and program outcomes will be explored. Evaluation issues will be considered in the context of ethical standards, program effectiveness and efficiency.									
GVS	GVS	LPA	4680	Nonprofit Fundraising	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		An introduction to the tradition of philanthropy and fundraising in the United States. Examines practical, moral, and legal issues involving fund development and the fundraising profession. Provides students with an opportunity to apply fundraising techniques and practices to enhance the financial commitment of individuals, corporations, foundations, and government to "real-life" development projects.									
GVS	GVS	LPA	4710	Social Entrepreneurship	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Social entrepreneurship, a rapidly growing sector locally, nationally, and globally, entails the pursuit of innovative approaches to creating and delivering public value by solving persistent social problems. This course is designed to expose students to the theoretical and practical fundamentals of social entrepreneurship in institutional, organizational, and social domains.									
GVS	GVS	LPA	4810	Public Private Partnerships	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		In much of the country, public and private actions develop business and physical infrastructure, provide needed services and contribute to other physical and intellectual attributes that constitute communities. This course examines the intermingling of public and private roles and responsibilities and the potential consequences for the business, social, economic and physical development of communities that reflect the inevitable negotiation of public interest oversight and entrepreneurial risk in cross-sectoral partnerships. This course will function as a public private partnership with faculty and students engaging business and public leaders to build and analyze partnerships for the future.									
GVS	GVS	LPA	4820	Human Behavior as Rational Action	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Applies public choice theory and rational choice theory to understand individual and collective decision-making and outcomes in the political and policy arenas.									
GVS	GVS	LPA	4830	Data Analytics for Public and Nonprofit Managers	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LPA 4010 and 4020									
		COURSE DESC:		The set of skills required for today's successful public and nonprofit managers includes competencies in managing complex data systems and using that data to inform decision making and strategy development. This course will focus on the critical elements of data informatics for public and nonprofit fields such as education, the environment, governance, and health care.									
GVS	GVS	LPA	4840	Management Skills for Public Administration	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Designed to introduce students to management and leadership skills needed for success in public administration.									
GVS	GVS	LPA	4850	Policy Analysis for Public Affairs and Leadership	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focused upon key aspects of public policymaking and analysis, and designed to introduce you to ways of systematically thinking about public policies. Because one cannot analyze a policy without understanding the roots of the policy in question, in this course we spend some time understanding the key actors and forces in the policy arena, understanding how to develop an appropriate framework for analysis, and the limitations of each analytical framework.									
GVS	GVS	LPA	4860	Public Budgeting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2000									
		COURSE DESC:		This class examines principles of sound tax policy and politics surrounding revenue decisions. It also examines processes and techniques of governmental spending decisions. The practices and fundamental concepts of government accounting, budgeting, financial management and public finance will also be introduced. Contemporary cases of budget decision-making processes at the national, state and local budget systems will be considered.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	4870	Financial Management in Government	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2000									
		COURSE DESC:		Students will survey the principles, issues and skills of financial management in the public sector. The focus is upon applications in the public sector and not-for-profit environment. The objectives of the course are to provide students with both theoretical understanding of the topic and to develop some of the fundamental skills necessary to work competently in the field. The focus will be on preparing students to be skilled consumers of financial information who possess the ability to analyze it and make sound decisions based on their analysis.									
GVS	GVS	LPA	4890	Nonprofit Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		An introduction to the nonprofit sector and its role in society, the economy, and the delivery of human services. Includes an overview of principle management functions as each applies to nonprofit organizations.									
GVS	GVS	LPA	4900	Special Topics in Leadership and Public Affairs	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
GVS	GVS	LPA	4900	Special Topics in Leadership and Public Affairs	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
GVS	GVS	LPA	4910	Strategy and Organization Consulting	INT	IN	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Will provide students with real-world learning experiences in working as a consultant with public sector organizations and non-profit ventures. Students will work in teams using analysis-based decision-making to solve these clients' key organizational/programmatic problems. Students will also acquire the soft skills necessary for effective oral/written communication, persuasion, and conflict resolution.									
GVS	GVS	LPA	4920	Applied Learning in Leadership and Public Affairs	PRA	PR	1 to 9	999		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required									
		COURSE DESC:		PR, F Provides students with credit for applied practical experiences in various projects in the public sector. Students participate in a combination of seminars, lectures and project-based learning under the guidance and mentoring of Voinovich School Faculty and staff.									
GVS	GVS	LPA	4930	Independent Study in Leadership and Public Affairs	IND	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty									
GVS	GVS	LPA	4930	Independent Study in Leadership and Public Affairs	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR, PR Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty									
GVS	GVS	LPA	5640	Conflict Management and Dispute Resolution in Public and Nonprofit organizations	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Will introduce you to the concepts of conflict management and the field of Dispute Resolution in general and interpersonal dispute mediation in particular. We will examine how non-adversarial, collaborative dispute resolution approaches can be used to address complex issues. You will learn new perspectives on conflict, evaluate conflict resolution approaches, and practice mediation skills.									
GVS	GVS	LPA	5640	Conflict Management and Dispute Resolution in Public and Nonprofit organizations	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Will introduce you to the concepts of conflict management and the field of Dispute Resolution in general and interpersonal dispute mediation in particular. We will examine how non-adversarial, collaborative dispute resolution approaches can be used to address complex issues. You will learn new perspectives on conflict, evaluate conflict resolution approaches, and practice mediation skills.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	5660	Theories and Practices in Collaboration	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		This seminar focuses on theories and practices in collaboration.									
GVS	GVS	LPA	5840	Entrepreneurial Consulting for Public and Non-Profit Organizations	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to initially overview the consulting profession with a subsequent emphasis on entrepreneurial consulting issues as well as to introduce students to the entrepreneurial business enterprise in the public and non-profit sectors, its functional areas, challenges and success factors. Effort will be placed on developing proficiencies in a range of skills required to practice consulting as well as start, scale and run a successful organization. The course is relevant to those 1) who are specifically interested in consulting careers and / or 2) whose area of interest involves entrepreneurship, starting, scaling, managing and leading organizations in the public/non-profit sectors.									
GVS	GVS	LPA	5850	Technology Transfer and Commercialization	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Entrepreneurship education, in the sense of focusing on the creation of new economic entities centered on a novel product/service, has been, until recently, relatively rare. At Ohio University, a pedagogy has been developed focused on inter-disciplinary team-based projects that result in new venture formation and long-term success for the newly-founded companies and the University that developed the research and technologies which are the basis for many of the companies. The curriculum is structured such that students from the disciplines of science, medicine, engineering, communication, and business can be engaged and participate.									
GVS	GVS	LPA	5900	Special Topics in Leadership and Public Affairs	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	LPA	5900	Special Topics in Leadership and Public Affairs	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	MPA	5120	Public Human Resource Management	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Analysis of philosophy, problems, and procedures of public personnel management. Recruitment, training and promotion policies, position classification, and employer/employee relations.									
GVS	GVS	MPA	5140	Organizational Leadership	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines how organizations have been described and theorized in public administration.									
GVS	GVS	MPA	5530	Ethics and Public Policy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines the role that values play in the design and implementation of public policy. The course begins with a brief introduction to some of the most influential traditions in ethics: deontology, utilitarianism, virtue theory and care ethics. This introduction aids us in establishing a common vocabulary for the analysis of policy questions and engagement with the broader debates in which such questions are embedded. We move from this introduction into a closer consideration of ethics in the context of several concrete institutional settings.									
GVS	GVS	MPA	5580	Public Sector Program Evaluation	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides an overview and develops skills in the basic concepts and methods in program evaluation.									
GVS	GVS	MPA	5580	Public Sector Program Evaluation	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Provides an overview and develops skills in the basic concepts and methods in program evaluation.									

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GVS	GVS	MPA	5590	Measuring Outcomes in Public and Non-Profit Organizations	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5650	Implementation Science; Using Science in Practice	SEM	EL	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5650	Implementation Science; Using Science in Practice	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5680	Nonprofit Financial Management and Resource Development	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5710	Social Entrepreneurship	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5720	Strategy and Organization Consulting	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5720	Strategy and Organization Consulting	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5810	Public Private Partnerships	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	5820	Human Behavior as Rational Action	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	5830	Data Analytics for Public and Non-profit Managers	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (MPA 6010 or POLS 601) and MPA 6020 CR, PR									
		COURSE DESC:		The set of skills required for today's successful public and non-profit managers includes competencies in managing complex data systems and using that data to inform decision making and strategy development. This course will focus on the critical elements of data informatics for public and non-profit fields such as education, the environment, governance, and health care.									
GVS	GVS	MPA	5840	Management Skills for Public Administrators	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Designed to introduce students to management and leadership skills needed for success in public administration.									
GVS	GVS	MPA	5850	Policy Analysis for Public Affairs and Leadership	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focused upon key aspects of public policymaking and analysis, and designed to introduce you to ways of systematically thinking about public policies. Because one cannot analyze a policy without understanding the roots of the policy in question, in this course we spend some time understanding the key actors and forces in the policy arena, understanding how to develop an appropriate framework for analysis, and the limitations of each analytical framework.									
GVS	GVS	MPA	5860	Public Budgeting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This class examines principles of sound tax policy and politics surrounding revenue decisions. It also examines processes and techniques of governmental spending decisions. The practices and fundamental concepts of government accounting, budgeting, financial management and public finance will also be introduced. Contemporary cases of budget decision-making processes at the national, state and local budget systems will be considered.									
GVS	GVS	MPA	5870	Financial Management in Government	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The purpose of this course is to survey the principles, issues and skills of financial management in the public sector. The focus is upon applications in the public sector and not-for-profit environment. The objectives of the course are to provide students with both theoretical understanding of the topic and to develop some of the fundamental skills necessary to work competently in the field. The focus will be on preparing students to be skilled consumers of financial information who possess the ability to analyze it and make sound decisions based on their analysis.									
GVS	GVS	MPA	5890	Non-profit Leadership and Governance	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		An introduction to the non-profit sector and its role in society, the economy, and the delivery of human services. Includes an overview of principle management junctions as each applies to non-profit organizations.									
GVS	GVS	MPA	5900	Special Topics in Masters of Public Administration	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	MPA	5900	Special Topics in Masters of Public Administration	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	MPA	6000	Leadership in Education Policy	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In this course, students analyze cases involving leaders in education policy using a framework for strategic leadership/management in the public sector.									
GVS	GVS	MPA	6001	Education Policy Analysis	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		This course focuses on key aspects of education policymaking and analysis, and designed to introduce students to systematically thinking about public policy. Because one cannot analyze public policy without understanding the roots of the policy in question, in this course, we focus on understanding the history of education policy, the key forces in the policy arena, how to use an appropriate framework for analysis, and the limitations of policy frameworks.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	6010	Research Methods in Leadership and Public Affairs	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6020	Advanced Research Methods in Leadership and Public Affairs	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6030	Qualitative Research Methods in Public Administration	LEC	EL	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6030	Qualitative Research Methods in Public Administration	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6200	Foundations of Public Administration	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6800	Strategic Leadership and Public Value	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6900	Special Topics in Public Affairs	SEM	SE	1 to 3	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6910	Public Affairs Internship	INT	IN	1 to 3	3		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6920	Applied Learning in Leadership and Public Affairs	PRA	PR	1 to 6	6		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
GVS	GVS	MPA	6930	Independent Study in Leadership and Public Affairs	IND	EL	1 to 3	3		I	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	6930	Independent Study in Leadership and Public Affairs	IND	IS	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty									
GVS	GVS	MPA	6950	Thesis in Public Affairs	THE	TH	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Students completing a thesis as part of their graduate MPA degree can register for thesis hours.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AHSW	2970T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial Program covering topics in Applied Health Sciences and Wellness. Non-thesis.									
HSP	AHSW	AHSW	2971T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	2980T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	2981T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	3970T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	3980T	Translational Health - Applied Health Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	4902H	Honors Seminar in Food and Nutrition Sciences	SEM	EL	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F Research and recent developments in food and nutrition sciences for honors students.									
HSP	AHSW	AHSW	4902H	Honors Seminar in Food and Nutrition Sciences	SEM	SE	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,		REQUISITE:	Permission required						
		COURSE DESC:		PR, F Research and recent developments in food and nutrition sciences for honors students.									
HSP	AHSW	AHSW	4945H	Readings in Honors for Food and Nutrition Sciences	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Independent reading in preparation for honors thesis in food and nutrition sciences. Exploration of reading topics in consultation with faculty.									
HSP	AHSW	AHSW	4946H	Honors Research in Food and Nutrition Sciences	RSC	RS	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Implementation of honors project or research in advancement of honors thesis in food and nutrition sciences.									
HSP	AHSW	AHSW	4947H	Honors Thesis in Food and Nutrition Sciences	RSC	RS	2 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Completion, oral defense, and presentation of honors thesis in food and nutrition sciences.									
HSP	AHSW	AHSW	4970T	Translational Health - Applied Health Tutorial Senior Thesis	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	HTC						
		COURSE DESC:		PR Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AHSW	4980T	Translational Health - Applied Health Tutorial Senior Thesis	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	HTC						
		COURSE DESC:		PR Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.									
HSP	AHSW	AT	1001	Introduction to Sports Medicine	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to sports medicine by describing scope of practice, employment settings, and professional regulations of various sports medicine professionals. This course also introduces basic topics related to sports medicine.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	1002	Orthopedic Clinical Skills in Sports Medicine	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better AT 1001									
HSP	AHSW	AT	1002	Orthopedic Clinical Skills in Sports Medicine	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better AT 1001									
HSP	AHSW	AT	1150	Emergency Care in Athletic Training	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1001									
HSP	AHSW	AT	1150	Emergency Care in Athletic Training	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1001									
HSP	AHSW	AT	1150	Emergency Care in Athletic Training	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1001									
HSP	AHSW	AT	2100	Lower Extremity Examination	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1150 or AT 165									
HSP	AHSW	AT	2100	Lower Extremity Examination	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1150 or AT 165									
HSP	AHSW	AT	2101	Lower Extremity Examination Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1150 or AT 165									
HSP	AHSW	AT	2102	Lower Extremity Examination Gross Anatomy Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 1150 and (2100 concurrent)									
HSP	AHSW	AT	2150	Upper Extremity Examination	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 2100									
HSP	AHSW	AT	2150	Upper Extremity Examination	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 2100									
HSP	AHSW	AT	2151	Upper Extremity Examination Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 2100 and 2101 and 2102									
HSP	AHSW	AT	2152	Upper Extremity Examination Gross Anatomy Lab	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: AT 2100 and (2150 concurrent)									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	2200	Therapeutic Modalities ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 1150 or AT 165 Principles, biophysical effects, indications, and contraindications associated with therapeutic modalities used in the treatment and rehabilitation of orthopedic injuries. Topics include thermal agents, therapeutic ultrasound, electrical stimulation, and mechanical devices.	LEC	EL	3	0		N	U30		0
HSP	AHSW	AT	2200	Therapeutic Modalities ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 1150 or AT 165 Principles, biophysical effects, indications, and contraindications associated with therapeutic modalities used in the treatment and rehabilitation of orthopedic injuries. Topics include thermal agents, therapeutic ultrasound, electrical stimulation, and mechanical devices.	LEC	LE	3	0		N	U30		0
HSP	AHSW	AT	2201	Therapeutic Modalities Lab ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 1002 and 1150 and (2200 concurrent) Students practice the setup and application of therapeutic modalities such as; thermal agents, therapeutic ultrasound, electrical stimulation, and mechanical devices.	LAB	LB	1	0		N	U30		0
HSP	AHSW	AT	2300	Therapeutic Exercise ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2100 and 2200 This course is a study of the indications, contraindications, physiological effects, special programs, and resistance methods that are used in the prevention and rehabilitation of injuries occurring in physical activity.	LEC	EL	3	0		N	U30		0
HSP	AHSW	AT	2300	Therapeutic Exercise ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2100 and 2200 This course is a study of the indications, contraindications, physiological effects, special programs, and resistance methods that are used in the prevention and rehabilitation of injuries occurring in physical activity.	LEC	LE	3	0		N	U30		0
HSP	AHSW	AT	2301	Therapeutic Exercise Lab ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2200 and (2300 concurrent) Students practice the setup and application of rehabilitation programs, emphasizing techniques to decrease pain, improve range of motion, strength, proprioception, power, and functional goals.	LAB	LB	1	0		N	U30		0
HSP	AHSW	AT	2900	Special Topics in Athletic Training ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
HSP	AHSW	AT	2900	Special Topics in Athletic Training ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
HSP	AHSW	AT	2921	Practicum in Athletic Training I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 1002 Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on actual patients. Emphasis is placed on clinical decision-making.	PRA	PR	2	0		N	U30		0
HSP	AHSW	AT	2922	Practicum in Athletic Training II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2921 This is the second course in the series of AT Practicum. Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on actual patients. Emphasis is placed on clinical decision-making.	PRA	PR	2	0		N	U30		0
HSP	AHSW	AT	3100	Orthopedic Appliances ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2150 and 2922 Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.	LAB	LB	2	0		N	U30		0
HSP	AHSW	AT	3100	Orthopedic Appliances ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2150 and 2922 Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.	LEC	LE	2	0		N	U30		0
HSP	AHSW	AT	3200	Dispositions of Medical Conditions ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2150 and 2300 Students examine the pathophysiology of general medical conditions and the pharmacological interventions used in the management of disease and disability. The management and administration of over the counter and prescription medications, performance enhancing substances, their pharmacokinetics and pharmacodynamics, and how physical activity is altered by their use and abuse.	LEC	EL	3	0		N	U30		0
HSP	AHSW	AT	3200	Dispositions of Medical Conditions ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: AT 2150 and 2300 Students examine the pathophysiology of general medical conditions and the pharmacological interventions used in the management of disease and disability. The management and administration of over the counter and prescription medications, performance enhancing substances, their pharmacokinetics and pharmacodynamics, and how physical activity is altered by their use and abuse.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	3300	Evidence-Based Practice in Athletic Training	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AT 2100									
		COURSE DESC:		This course allows students to become better consumers of research-based information, this course will introduce research topics and the data collection and application of statistical methods used in athletic training and related research. This course also assists athletic training students in preparing for graduate study by guiding them through the development of a research proposal.									
HSP	AHSW	AT	3300	Evidence-Based Practice in Athletic Training	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AT 2100									
		COURSE DESC:		This course allows students to become better consumers of research-based information, this course will introduce research topics and the data collection and application of statistical methods used in athletic training and related research. This course also assists athletic training students in preparing for graduate study by guiding them through the development of a research proposal.									
HSP	AHSW	AT	3690	Health and Injury in Performing Artists	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores health, wellness, injuries, and conditions pertinent to performing artists. Scientific principles of health maintenance and injury management will be augmented by analysis and application of current research. Students will gain an appreciation for the high physical demands on performing artists and the similarities between artistic performance and sports.									
HSP	AHSW	AT	3690	Health and Injury in Performing Artists	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores health, wellness, injuries, and conditions pertinent to performing artists. Scientific principles of health maintenance and injury management will be augmented by analysis and application of current research. Students will gain an appreciation for the high physical demands on performing artists and the similarities between artistic performance and sports.									
HSP	AHSW	AT	3693	Musculoskeletal Movement in Performing Arts	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Anatomy, kinesiology, and biomechanics will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to highlight appropriate musculoskeletal training protocols for selected injury prevention and to illustrate the role of healthcare practitioners in preventing and caring for musculoskeletal injuries in performing artists.									
HSP	AHSW	AT	3693	Musculoskeletal Movement in Performing Arts	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Anatomy, kinesiology, and biomechanics will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to highlight appropriate musculoskeletal training protocols for selected injury prevention and to illustrate the role of healthcare practitioners in preventing and caring for musculoskeletal injuries in performing artists.									
HSP	AHSW	AT	3921	Practicum in Athletic Training III	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 2922 or 280C									
		COURSE DESC:		Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on an actual patient population. Emphasis is placed on clinical decision-making.									
HSP	AHSW	AT	3922	Practicum in Athletic Training IV	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 3921									
		COURSE DESC:		Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on an actual patient population. Emphasis is placed on clinical decision-making.									
HSP	AHSW	AT	4500	Athletic Training Administration	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 3200 or 308									
		COURSE DESC:		Examine the various issues, policies, and procedures involved with implementation, management, and administration in athletic training. Intensive evaluation of facility design, emergency action plans, legal issues, budgeting, health care services, drug testing procedures, professional and governing organizations, and documents that affect the profession of athletic training are investigated. Students will also be provided with an overall review of athletic training education curriculum to assist in preparation for the Board of Certification (BOC) Examination.									
HSP	AHSW	AT	4500	Athletic Training Administration	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 3200 or 308									
		COURSE DESC:		Examine the various issues, policies, and procedures involved with implementation, management, and administration in athletic training. Intensive evaluation of facility design, emergency action plans, legal issues, budgeting, health care services, drug testing procedures, professional and governing organizations, and documents that affect the profession of athletic training are investigated. Students will also be provided with an overall review of athletic training education curriculum to assist in preparation for the Board of Certification (BOC) Examination.									
HSP	AHSW	AT	4600	Manual Therapy in Rehabilitation	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 2200 and 2300									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	4600	Manual Therapy in Rehabilitation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 2200 and 2300									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									
HSP	AHSW	AT	4600	Manual Therapy in Rehabilitation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 2200 and 2300									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									
HSP	AHSW	AT	4900	Special Topics in Athletic Training	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	AT	4900	Special Topics in Athletic Training	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	AT	4910	Clinical Internship in Athletic Training	INT	EL	9 to 18	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: AT 3300 and (3922 or 380C) CR, PR									
		COURSE DESC:		A capstone experience that integrates the knowledge and skills from classroom and clinical education in a setting of particular interest to the student. This experience assists the student in developing autonomy, refining professional behaviors, and gaining confidence that will enable the student to work independently.									
HSP	AHSW	AT	4910	Clinical Internship in Athletic Training	INT	IN	9 to 18	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: AT 3300 and (3922 or 380C) CR, PR									
		COURSE DESC:		A capstone experience that integrates the knowledge and skills from classroom and clinical education in a setting of particular interest to the student. This experience assists the student in developing autonomy, refining professional behaviors, and gaining confidence that will enable the student to work independently.									
HSP	AHSW	AT	4921	Senior Practicum	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 3922 or 380C									
		COURSE DESC:		Under the direct supervision of a preceptor, students apply the knowledge and skills obtained in the classroom on an actual patient population. Emphasis is placed on clinical decision-making and professional practice.									
HSP	AHSW	AT	4930	Independent Study	IND	EL	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent student related to the science and practice of athletic training.									
HSP	AHSW	AT	4930	Independent Study	IND	IS	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Independent student related to the science and practice of athletic training.									
HSP	AHSW	AT	4935	Special Problems	IND	EL	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and effective plans toward potential solution. (Note: This is an expedited RSAT418 conversion [function was not working in OCEAN]).									
HSP	AHSW	AT	4935	Special Problems	IND	IS	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and effective plans toward potential solution. (Note: This is an expedited RSAT418 conversion [function was not working in OCEAN]).									
HSP	AHSW	AT	5100	Orthopedic Appliances	LAB	LB	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5110 or Masters of Science in Athletic Training (MS8130)									
		COURSE DESC:		Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.									
HSP	AHSW	AT	5100	Orthopedic Appliances	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5110 or Masters of Science in Athletic Training (MS8130)									
		COURSE DESC:		Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	5180	Instructional Experience	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Provides the student with opportunities to provide teaching assistance to undergraduate students in the classroom and laboratory.									
HSP	AHSW	AT	5300	Manual Therapy in Rehabilitation	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									
HSP	AHSW	AT	5300	Manual Therapy in Rehabilitation	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									
HSP	AHSW	AT	5300	Manual Therapy in Rehabilitation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course focuses on the identification, treatment, and improvement of musculoskeletal conditions through the use of manual therapy and other manual rehabilitative techniques.									
HSP	AHSW	AT	5790	Wellness for Performing Artists	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intended for non-athletic training majors. Principles of wellness for performing artists and performing arts instructors to enable healthy and safe performance. Includes introduction to healthy practices for performing artists, common performing arts injuries and conditions, and how performers can effectively communicate with healthcare practitioners.									
HSP	AHSW	AT	5790	Wellness for Performing Artists	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intended for non-athletic training majors. Principles of wellness for performing artists and performing arts instructors to enable healthy and safe performance. Includes introduction to healthy practices for performing artists, common performing arts injuries and conditions, and how performers can effectively communicate with healthcare practitioners.									
HSP	AHSW	AT	5900	Special Topics in Athletic Training	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	AT	5900	Special Topics in Athletic Training	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	AT	6080	Care and Prevention of Athletic-Related Injuries	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course presents key concepts pertaining to the field of athletic health care, specifically the prevention and management of athletic-related injuries and illnesses to assist future coaching professionals in making correct decisions and taking appropriate actions to safeguard the well being of student-athletes.									
HSP	AHSW	AT	6100	Orthopedic Diagnosis	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major									
		COURSE DESC:		This course emphasizes evidence-based diagnosis and management of orthopedic conditions, the inter-relatedness of the neuromuscular system, and enhances the students' current diagnostic skills.									
HSP	AHSW	AT	6100	Orthopedic Diagnosis	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major									
		COURSE DESC:		This course emphasizes evidence-based diagnosis and management of orthopedic conditions, the inter-relatedness of the neuromuscular system, and enhances the students' current diagnostic skills.									
HSP	AHSW	AT	6100	Orthopedic Diagnosis	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major									
		COURSE DESC:		This course emphasizes evidence-based diagnosis and management of orthopedic conditions, the inter-relatedness of the neuromuscular system, and enhances the students' current diagnostic skills.									
HSP	AHSW	AT	6110	Athletic Training Administration and Clinical Instruction	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Master of Science in Athletic Training Major									
		COURSE DESC:		PR Focuses on sports medicine administration including: management skills, human resource skills, documentation, communication, and strategies for service delivery in high schools and colleges/universities. Addresses the knowledge and skills required to be an approved clinical instructor for entry-level AT students.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	6110	Athletic Training Administration and Clinical Instruction	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	Focuses on sports medicine administration including: management skills, human resource skills, documentation, communication, and strategies for service delivery in high schools and colleges/universities. Addresses the knowledge and skills required to be an approved clinical instructor for entry-level AT students.								
HSP	AHSW	AT	6200	Advanced Theory in Therapeutic Modalities	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	The course will relate current research and evidence-based practice to the physiological effects of orthopedic trauma and the healing process as the basis of treatment and rehabilitation.								
HSP	AHSW	AT	6200	Advanced Theory in Therapeutic Modalities	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	The course will relate current research and evidence-based practice to the physiological effects of orthopedic trauma and the healing process as the basis of treatment and rehabilitation.								
HSP	AHSW	AT	6200	Advanced Theory in Therapeutic Modalities	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	The course will relate current research and evidence-based practice to the physiological effects of orthopedic trauma and the healing process as the basis of treatment and rehabilitation.								
HSP	AHSW	AT	6210	Human Anatomy for Athletic Trainers	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	This course is designed to provide detailed knowledge in the study of human gross anatomy. A regional approach to the appreciation of human anatomy will be augmented with surface, clinical, and radiographic resources.								
HSP	AHSW	AT	6210	Human Anatomy for Athletic Trainers	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	This course is designed to provide detailed knowledge in the study of human gross anatomy. A regional approach to the appreciation of human anatomy will be augmented with surface, clinical, and radiographic resources.								
HSP	AHSW	AT	6210	Human Anatomy for Athletic Trainers	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	This course is designed to provide detailed knowledge in the study of human gross anatomy. A regional approach to the appreciation of human anatomy will be augmented with surface, clinical, and radiographic resources.								
HSP	AHSW	AT	6220	Athletic Training Research I	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	Initial components of required research projects. Introduction of a research-mentor program, selection of an athletic training mentor, development of a research question, completion of an Institutional Review Board (IRB) application, and submission of a grant application.								
HSP	AHSW	AT	6220	Athletic Training Research I	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	Initial components of required research projects. Introduction of a research-mentor program, selection of an athletic training mentor, development of a research question, completion of an Institutional Review Board (IRB) application, and submission of a grant application.								
HSP	AHSW	AT	6310	Neuromechanics of Sports Injury Rehabilitation	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	This course will help students to gain an understanding of the physiology of the sensorimotor system, the pathophysiology of articular injury related to the proprioceptive mechanism, as well as improved management strategies for enhancing functional joint stability.								
HSP	AHSW	AT	6310	Neuromechanics of Sports Injury Rehabilitation	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F,	REQUISITE:	Master of Science in Athletic Training Major						
				COURSE DESC:	This course will help students to gain an understanding of the physiology of the sensorimotor system, the pathophysiology of articular injury related to the proprioceptive mechanism, as well as improved management strategies for enhancing functional joint stability.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	6310	Neuromechanics of Sports Injury Rehabilitation	LEC	LE	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major CR									
			COURSE DESC:	This course will help students to gain an understanding of the physiology of the sensorimotor system, the pathophysiology of articular injury related to the proprioceptive mechanism, as well as improved management strategies for enhancing functional joint stability.									
HSP	AHSW	AT	6320	Athletic Training Research II	LEC	EL	3	6		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: AT 6220 or AT 671 PR									
			COURSE DESC:	The second course in the research series. Focus on final stages of their research projects: American Medical Association (AMA) manuscript formatting style, journal submission policies, and the fundamentals of oral, poster, and written research presentations.									
HSP	AHSW	AT	6320	Athletic Training Research II	LEC	LE	3	6		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: AT 6220 or AT 671 PR									
			COURSE DESC:	The second course in the research series. Focus on final stages of their research projects: American Medical Association (AMA) manuscript formatting style, journal submission policies, and the fundamentals of oral, poster, and written research presentations.									
HSP	AHSW	AT	6900	Special Topics in Athletic Training	LEC	EL	1 to 15	999		N	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: CR, PR									
			COURSE DESC:	Specific course content will vary with offering.									
HSP	AHSW	AT	6900	Special Topics in Athletic Training	LEC	LE	1 to 15	999		N	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: CR, PR									
			COURSE DESC:	Specific course content will vary with offering.									
HSP	AHSW	AT	6920	Practicum	PRA	PR	1 to 4	8		N	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Master of Science in Athletic Training Major PR, F									
			COURSE DESC:	Guided work experience in various aspects of administration and operation of athletic training facilities.									
HSP	AHSW	AT	6930	Special Problems	IND	EL	1 to 4	12		I	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: Permission required CR, PR									
			COURSE DESC:	Individual research and experimentation of professional issues. Identifies relevant problems and plans effective method(s) in developing potential solutions.									
HSP	AHSW	AT	6930	Special Problems	IND	IS	1 to 4	12		I	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: Permission required CR, PR									
			COURSE DESC:	Individual research and experimentation of professional issues. Identifies relevant problems and plans effective method(s) in developing potential solutions.									
HSP	AHSW	AT	6940	Athletic Training Research Project	RSC	EL	2	8		I	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: Permission required CR, PR									
			COURSE DESC:	Selected areas of study with written report based on research. The student works one-on-one with a research mentor for projects that fall beyond the scope of the graduate thesis or project.									
HSP	AHSW	AT	6940	Athletic Training Research Project	RSC	RS	2	8		I	G40		0
			ELIGIBLE GRADES:	GEC4: A-F, REQUISITE: Permission required CR, PR									
			COURSE DESC:	Selected areas of study with written report based on research. The student works one-on-one with a research mentor for projects that fall beyond the scope of the graduate thesis or project.									
HSP	AHSW	AT	6950	Athletic Training Thesis	THE	EL	1 to 6	36		I	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Permission required PR, F									
			COURSE DESC:	MS in Athletic Training thesis credit. Content varies.									
HSP	AHSW	AT	6950	Athletic Training Thesis	THE	TH	1 to 6	36		I	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Permission required PR, F									
			COURSE DESC:	MS in Athletic Training thesis credit. Content varies.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	1001	Lifetime Fitness ELIGIBLE GRADES: COURSE DESC:	LAB	LB	2	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Non-Exercise Physiology (BS8122) and Non-Pre-Exercise Physiology (ND8839) majors This course presents the risks of sedentary behavior and the benefits of regular physical activity (fitness) to long-term health and wellness. Additionally, the course presents the fundamental recommendations to promote long-term health benefits and wellness. This course includes basic anatomy and physiology to provide an "owner's manual" understanding of how the human body responds and adapts to sedentary and physical activity stressors. This course also includes a basic introduction of the roles of stress and diet in the promotion of fitness and wellness.									
HSP	AHSW	EXPH	1001	Lifetime Fitness ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0	2AS	N	U30		0
				GEC1: A-F REQUISITE: Non-Exercise Physiology (BS8122) and Non-Pre-Exercise Physiology (ND8839) majors This course presents the risks of sedentary behavior and the benefits of regular physical activity (fitness) to long-term health and wellness. Additionally, the course presents the fundamental recommendations to promote long-term health benefits and wellness. This course includes basic anatomy and physiology to provide an "owner's manual" understanding of how the human body responds and adapts to sedentary and physical activity stressors. This course also includes a basic introduction of the roles of stress and diet in the promotion of fitness and wellness.									
HSP	AHSW	EXPH	1490	Introduction to Exercise Science ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Fr or Soph Introduces students to professions in exercise sciences with special emphasis on exercise physiology. Basic concepts of human movement and the foundations of wellness and health related physical fitness are introduced.									
HSP	AHSW	EXPH	1490	Introduction to Exercise Science ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Fr or Soph Introduces students to professions in exercise sciences with special emphasis on exercise physiology. Basic concepts of human movement and the foundations of wellness and health related physical fitness are introduced.									
HSP	AHSW	EXPH	2200	Applied Kinesiology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: C or better in EXPH 1490 and WARNING: No credit for this course if taken after the following: EXPH 3020 The purpose of this course is to allow students to develop an understanding of basic movement terminology and how the musculoskeletal system functions in human movement. Students examine the roles of joints and muscles in motor skill activities as related to exercise in order to enhance professional competency when moving through the major curriculum.									
HSP	AHSW	EXPH	2200	Applied Kinesiology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: C or better in EXPH 1490 and WARNING: No credit for this course if taken after the following: EXPH 3020 The purpose of this course is to allow students to develop an understanding of basic movement terminology and how the musculoskeletal system functions in human movement. Students examine the roles of joints and muscles in motor skill activities as related to exercise in order to enhance professional competency when moving through the major curriculum.									
HSP	AHSW	EXPH	2280	Community First Aid, and CPR/AED for the Professional Rescuer ELIGIBLE GRADES: COURSE DESC:	LAB	LB	2	0		N	U10		0
				GEC1: A-F REQUISITE: This course gives the students the skills and knowledge of First Aid and CPR/AED. Certification is given for successfully passing all components of the course.									
HSP	AHSW	EXPH	2290	Exercise Testing and Prescription ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: AT 1002 or EXPH 1490 This course covers the background knowledge needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming to adults with no known diseases according to the standards set forth by the American College of Sports Medicine (ACSM). The content covered in this course will prepare students to take the ACSM's Health Fitness Specialist Certification.									
HSP	AHSW	EXPH	2290	Exercise Testing and Prescription ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: AT 1002 or EXPH 1490 This course covers the background knowledge needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming to adults with no known diseases according to the standards set forth by the American College of Sports Medicine (ACSM). The content covered in this course will prepare students to take the ACSM's Health Fitness Specialist Certification.									
HSP	AHSW	EXPH	2295	Exercise Testing and Prescription Lab ELIGIBLE GRADES: COURSE DESC:	LAB	LB	2	0		N	U30		0
				GEC1: A-F REQUISITE: EXPH 2290 or concurrent This laboratory course provides the hands on experience in skills and abilities needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming to adults with no known diseases according to the standards set forth by the American College of Sports Medicine (ACSM). The content covered in this laboratory course will prepare students to take the ACSM's Health Fitness Specialist Certification.									
HSP	AHSW	EXPH	2590	Physical Fitness ELIGIBLE GRADES: COURSE DESC:	LAB	LB	1	0		N	U30		0
				GEC1: A-F REQUISITE: (EXPH 2290 and 2295) or 2490 This course teaches the hands-on skills to attain and maintain physical fitness. Methods for improving and sustaining the five basic components of health related physical fitness will be presented (Cardiovascular endurance, Muscular strength, Muscular endurance, Flexibility, Body composition).									
HSP	AHSW	EXPH	2900	Special Topics in Exercise Physiology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	2900	Special Topics in Exercise Physiology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	EXPH	2921	Practicum in Exercise Physiology	PRA	PR	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Lab and field experiences designed to place students in various settings related to their professional interests. Course credit requires a contract signed by the practicum supervisor.									
HSP	AHSW	EXPH	3010	Foundations of Exercise Physiology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (BIOS 2030 or 3010)									
		COURSE DESC:		Introduces the basic physiological principles of organ systems and body function during exercise. Special emphasis on the function of the nervous, muscular, cardiovascular, and respiratory systems and how they respond to exercise and exercise conditioning. Application of these principles in examining the optimal means to promote health-related fitness and optimal athletic performance.									
HSP	AHSW	EXPH	3010	Foundations of Exercise Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (BIOS 2030 or 3010)									
		COURSE DESC:		Introduces the basic physiological principles of organ systems and body function during exercise. Special emphasis on the function of the nervous, muscular, cardiovascular, and respiratory systems and how they respond to exercise and exercise conditioning. Application of these principles in examining the optimal means to promote health-related fitness and optimal athletic performance.									
HSP	AHSW	EXPH	3180	First Aid and CPR II	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in EXPH 2280									
		COURSE DESC:		This course is intended for individuals who have been certified in first aid, cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED) use. The topics covered in this course will include a review of the skills and knowledge of first aid, CPR and AED. Re-certification will be issued for successfully passing all components of the course.									
HSP	AHSW	EXPH	3200	Biomechanics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in BIOS 2030 or (3010 and 3015)									
		COURSE DESC:		This course provides an understanding of basic biomechanical principles. This is an introduction to Biomechanics, and will cover such topics as basic kinematics, basic kinetics, biomechanics of human motion at different sites in the body, linear kinematics, angular kinematics, linear kinetics, angular kinetics, and human motion in a fluid medium.									
HSP	AHSW	EXPH	3200	Biomechanics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in BIOS 2030 or (3010 and 3015)									
		COURSE DESC:		This course provides an understanding of basic biomechanical principles. This is an introduction to Biomechanics, and will cover such topics as basic kinematics, basic kinetics, biomechanics of human motion at different sites in the body, linear kinematics, angular kinematics, linear kinetics, angular kinetics, and human motion in a fluid medium.									
HSP	AHSW	EXPH	3205	Biomechanics Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 3200 or concurrent									
		COURSE DESC:		Analysis of human movement based on mechanical principles. Students gain experience with equipment and techniques to qualitatively and quantitatively analyze human movement - including athletic performance.									
HSP	AHSW	EXPH	3280	CPR/AED for the Professional Rescuer Instructor and First Aid Instructor	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 2280									
		COURSE DESC:		American Red Cross CPR for the Professional Rescuer Instructor and Community First Aid Instructor content. Provides opportunity for instructor certifications.									
HSP	AHSW	EXPH	3280	CPR/AED for the Professional Rescuer Instructor and First Aid Instructor	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 2280									
		COURSE DESC:		American Red Cross CPR for the Professional Rescuer Instructor and Community First Aid Instructor content. Provides opportunity for instructor certifications.									
HSP	AHSW	EXPH	3930	Independent Study	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and (Jr or Sr)									
		COURSE DESC:		Study and/or research in selected fields related to exercise physiology under direction of a group of EXPH faculty members.									
HSP	AHSW	EXPH	4140	Physiology of Exercise	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (BIOS 3420 or 3430 or 3450)									
		COURSE DESC:		Fundamental concepts an application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	EXPH	4145	Physiology of Exercise Lab	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (C or better in (EXPH 4140 or BIOS 4450)) or concurrent and Warning: No credit for both this course and the following (always deduct first course taken): BIOS 4460 and Warning: No credit for this course if the following is taken: EXPH 4145									
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	4145	Physiology of Exercise Lab	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in (EXPH 4140 or BIOS 4450)) or concurrent and Warning: No credit for both this course and the following (always deduct first course taken): BIOS 4460 and Warning: No credit for this course if the following is taken: EXPH 4145							
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	EXPH	4160	Resistance Training:Theory and Application	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455)							
		COURSE DESC:		Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.									
HSP	AHSW	EXPH	4160	Resistance Training:Theory and Application	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455)							
		COURSE DESC:		Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.									
HSP	AHSW	EXPH	4170	Clinical Exercise Physiology for Nursing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1310 or 3450							
		COURSE DESC:		Provides nursing students with a foundation of the physiological responses to exercise, the assessment of fitness, and the prescription of individualized fitness programs specific to clinical populations.									
HSP	AHSW	EXPH	4185	Instructional Experience	LAB	LB	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required CR, PR							
		COURSE DESC:		A supervised practice/instructional experience in organizing and teaching activities within the program.									
HSP	AHSW	EXPH	4490	Cardiovascular Assessments in Exercise Physiology	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455 and EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		In-depth study of electrocardiography (ECG/EKG) and other health-related cardiovascular assessment tools.									
HSP	AHSW	EXPH	4490	Cardiovascular Assessments in Exercise Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455 and EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		In-depth study of electrocardiography (ECG/EKG) and other health-related cardiovascular assessment tools.									
HSP	AHSW	EXPH	4495	Exercise Testing and Prescription for Special Populations	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EXPH 4490 or concurrent and C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150)) and Sr only							
		COURSE DESC:		Advanced knowledge of clinical exercise physiology. Students synthesize information from foundation courses in order to make modifications of diagnostic fitness evaluation, exercise prescriptions and exercise programming for high risk individuals and those with chronic diseases and disorders.									
HSP	AHSW	EXPH	4495	Exercise Testing and Prescription for Special Populations	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EXPH 4490 or concurrent and C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150)) and Sr only							
		COURSE DESC:		Advanced knowledge of clinical exercise physiology. Students synthesize information from foundation courses in order to make modifications of diagnostic fitness evaluation, exercise prescriptions and exercise programming for high risk individuals and those with chronic diseases and disorders.									
HSP	AHSW	EXPH	4610	Advanced Topics in Exercise Performance	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									
HSP	AHSW	EXPH	4610	Advanced Topics in Exercise Performance	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									
HSP	AHSW	EXPH	4610	Advanced Topics in Exercise Performance	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									
HSP	AHSW	EXPH	4620	Pediatric Exercise Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in EXPH 2490 and ((BIOS 4450 or 4140) and (BIOS 4455 or EXPH 4145 or 4150))							
		COURSE DESC:		This course is designed to develop an understanding of the unique physiological responses to exercise in healthy and unhealthy children and the considerations for prescribing exercise as a treatment or prevention of childhood diseases.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	4850	Motor Development	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Consideration of psychological, sociological, and physiological bases of development and application of these theories to motor development and performance.									
HSP	AHSW	EXPH	4850	Motor Development	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Consideration of psychological, sociological, and physiological bases of development and application of these theories to motor development and performance.									
HSP	AHSW	EXPH	4900	Special Topics in Exercise Physiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))									
				This course will address a variety of special topics related to the field of exercise physiology. The intent of this class is to provide the student with the opportunity to explore, more deeply, topics that he or she may have been exposed to only briefly (youth and aging, environmental effects, ergogenic aids, weight loss).									
HSP	AHSW	EXPH	4910	Internship in Exercise Physiology	INT	IN	1 to 16	16		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
				REQUISITE: Permission required and (Jr or Sr)									
				PR, F									
		COURSE DESC:		Elective internship with approved firm, agency, hospital, unit, school, or organization.									
HSP	AHSW	EXPH	4940	Research Dynamics: Planning, Participation and Actualization of the Research Process	RSC	RS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,									
				REQUISITE: Permission required									
				PR, F									
		COURSE DESC:		A hands-on approach to research: developing the idea, establishing the methodology, collecting data, conducting statistical evaluation, and writing the results in publication format.									
HSP	AHSW	EXPH	5140	Physiology of Exercise	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Physiology of exercise major									
				CR, PR									
		COURSE DESC:		Fundamental concepts and application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	EXPH	5140	Physiology of Exercise	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Physiology of exercise major									
				CR, PR									
		COURSE DESC:		Fundamental concepts and application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	EXPH	5145	Physiology of Exercise Lab	LAB	LB	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EXPH 5140 or concurrent and Warning: No credit for both this course and the following (always deduct credit for first course taken): BIOS 5460									
				Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	EXPH	5145	Physiology of Exercise Lab	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EXPH 5140 or concurrent and Warning: No credit for both this course and the following (always deduct credit for first course taken): BIOS 5460									
				Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	EXPH	5160	Resistance Training:Theory and Application	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EXPH 5140									
				Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.									
HSP	AHSW	EXPH	5160	Resistance Training:Theory and Application	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EXPH 5140									
				Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.									
HSP	AHSW	EXPH	5170	Clinical Exercise Physiology for Nursing	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides nursing students with a foundation of the physiological responses to exercise, the assessment of fitness, and the prescription of individualized fitness programs specific to clinical populations.									
HSP	AHSW	EXPH	5180	First Aid and CPR II	LAB	LB	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Recent First Aid, CPR and AED Certification									
				This course is intended for individuals who have been certified in first aid, cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED) use. The topics covered in this course will include a review of the skills and knowledge of first aid, CPR and AED. Re-certification will be issued for successfully passing all components of the course.									
HSP	AHSW	EXPH	5185	Instructional Experience	LAB	LB	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,									
				REQUISITE: Permission required									
				PR, F									
		COURSE DESC:		A supervised practice/instructional experience in organizing and teaching activities within the program.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	5850	Motor Development	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EXPH 5140 CR, PR									
		COURSE DESC:		Consideration of psychological, sociological, and physiological bases of development and application of these theories to motor development and performance.									
HSP	AHSW	EXPH	5900	Special Topics in Exercise Physiology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 5140 and 5150									
		COURSE DESC:		This course will address a variety of special topics related to the field of exercise physiology. The intent of this class is to provide the student with the opportunity to explore, more deeply, topics that he or she may have been exposed to only briefly (youth and aging, environmental effects, ergogenic aids, weight loss).									
HSP	AHSW	EXPH	5940	Research Dynamics: Planning, Participation and Actualization of the Research Process	RSC	RS	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		A hands-on approach to research: developing the idea, establishing the methodology, collecting data, conducting statistical evaluation, and writing the results in publication format.									
HSP	AHSW	EXPH	5999	Exercise Physiology Seminar	SEM	SE	1	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Students will discuss research literature pertaining to current topics in exercise physiology. Students will be expected to present and critically discuss these topics as they pertain to the current state of knowledge. The course will allow graduate students to develop critical reading and research presentation skills through reading and presentation of articles published in scholarly journals.									
HSP	AHSW	EXPH	6080	Research Methods and Statistical Applications	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in the School of Applied Health Sciences and Wellness PR									
		COURSE DESC:		Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
HSP	AHSW	EXPH	6080	Research Methods and Statistical Applications	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in the School of Applied Health Sciences and Wellness PR									
		COURSE DESC:		Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
HSP	AHSW	EXPH	6160	Advanced Resistance Training	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EXPH 6560 and 6570 PR									
		COURSE DESC:		This course will explore the current research to determine the most up to date recommendations for improving muscle performance. The course will be a combination of traditional textbook recommendations and current research to determine the optimal state of Strength and Conditioning practice.									
HSP	AHSW	EXPH	6170	Exercise Testing & Prescription	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent									
		COURSE DESC:		Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programing. Emphasis is on graded exercise stress test administration, basic electrocardiography, and laboratory physical performance tests. Study of the underlying principles regarding the prescription of exercise for all populations (healthy individual, sedentary, and diseased).									
HSP	AHSW	EXPH	6170	Exercise Testing & Prescription	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent									
		COURSE DESC:		Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programing. Emphasis is on graded exercise stress test administration, basic electrocardiography, and laboratory physical performance tests. Study of the underlying principles regarding the prescription of exercise for all populations (healthy individual, sedentary, and diseased).									
HSP	AHSW	EXPH	6170	Exercise Testing & Prescription	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent									
		COURSE DESC:		Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programing. Emphasis is on graded exercise stress test administration, basic electrocardiography, and laboratory physical performance tests. Study of the underlying principles regarding the prescription of exercise for all populations (healthy individual, sedentary, and diseased).									
HSP	AHSW	EXPH	6180	Clinical Exercise Physiology: A Case-Based Approach	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 6170 and 6920 concurrent									
		COURSE DESC:		This course provides an overview of the pathophysiology, disease management, and recommendations for exercise testing and prescription for typically-encountered clinical disease states in an exercise setting. The course emphasizes a case-study approach with cases derived from the clinic(s) where students perform their practical experience.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	6190	Patient-Centered Practice in Clinical Exercise Physiology GEC1: A-F REQUISITE: EXPH 6180 and 6920 concurrent This course expands on students' practical knowledge and applied skills in performing client assessments and exercise prescriptions in clinical populations, emphasizing those with co-morbidities. The course emphasizes a case-study approach, introducing students to motivational interviewing skills including physical activity counseling, goal setting, and patient education.	SEM	SE	2	0		N	G40		0
HSP	AHSW	EXPH	6520	Advanced Laboratory Techniques in Exercise Physiology GEC1: A-F REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.	LAB	LB	3	0		N	G40		0
HSP	AHSW	EXPH	6520	Advanced Laboratory Techniques in Exercise Physiology GEC1: A-F REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.	LEC	EL	3	0		N	G40		0
HSP	AHSW	EXPH	6520	Advanced Laboratory Techniques in Exercise Physiology GEC1: A-F REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.	LEC	LE	3	0		N	G40		0
HSP	AHSW	EXPH	6560	Advanced Physiology of Exercise GEC1: A-F REQUISITE: EXPH 5140 and 5150 This course will explore the physiological and metabolic factors that limit human function and performance.	LEC	EL	3	0		N	G40		0
HSP	AHSW	EXPH	6560	Advanced Physiology of Exercise GEC1: A-F REQUISITE: EXPH 5140 and 5150 This course will explore the physiological and metabolic factors that limit human function and performance.	LEC	LE	3	0		N	G40		0
HSP	AHSW	EXPH	6570	Advanced Physiology of Exercise Laboratory GEC1: A-F REQUISITE: EXPH 6560 or concurrent This course focuses on advanced laboratory techniques and methods in exercise physiology.	LAB	LB	1	0		N	G40		0
HSP	AHSW	EXPH	6600	Advanced Biomechanics GEC2: A-F, PR REQUISITE: EXPH 5140 and 5150 Encompasses information on the specifics of equipment, data collection, and signal processing using the measurement tools of biomechanics. Students experience collecting EMG data, force related data, and 3-dimensional video data. After data collection, students utilize the appropriate data processing/signal processing techniques, synthesize different collection techniques, and relate the information to the movement chosen to analyze.	LAB	LB	3	0		N	G40		0
HSP	AHSW	EXPH	6600	Advanced Biomechanics GEC2: A-F, PR REQUISITE: EXPH 5140 and 5150 Encompasses information on the specifics of equipment, data collection, and signal processing using the measurement tools of biomechanics. Students experience collecting EMG data, force related data, and 3-dimensional video data. After data collection, students utilize the appropriate data processing/signal processing techniques, synthesize different collection techniques, and relate the information to the movement chosen to analyze.	LEC	LE	3	0		N	G40		0
HSP	AHSW	EXPH	6900	Special Topics in Exercise Physiology GEC4: A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
HSP	AHSW	EXPH	6900	Special Topics in Exercise Physiology GEC4: A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
HSP	AHSW	EXPH	6910	Internship in Physiology of Exercise GEC5: CR, PR, F REQUISITE: Physiology of exercise major Supervised professional work experience in affiliated sports physiology or clinical sites with the opportunity to serve in the dual capacity of exercise technician and/or exercise leader. Internships will be a minimum of 600 hours.	INT	IN	1 to 16	16		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	6920	Practicum	PRA	PR	1 to 3	18		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Supervised work experience in various clinical or sports performance work sites.									
HSP	AHSW	EXPH	6931	Independent Study	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected areas of study with written report based on research.									
HSP	AHSW	EXPH	6950	Thesis	THE	TH	1 to 12	96		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Library and laboratory work towards the completion of a research (thesis) project.									
HSP	AHSW	NUTR	1000	Introduction to Nutrition	LEC	LE	3	0	2AS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Nutrients, their food sources and functions in the body; application to planning adequate diet through life cycle.									
HSP	AHSW	NUTR	1100	Introduction to Food Systems	LEC	EL	3	0	2AS	N	U10		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Components of the food system and all processes that maintain our food supply, including growing, harvesting, processing, packaging, transporting, marketing, consuming, and disposing of food/food packages. Interaction of the food system with social, political, economic and natural environments. Sustainability of the food system. Impact of the food system on nutritional well-being.									
HSP	AHSW	NUTR	1100	Introduction to Food Systems	LEC	LE	3	0	2AS	N	U10		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Components of the food system and all processes that maintain our food supply, including growing, harvesting, processing, packaging, transporting, marketing, consuming, and disposing of food/food packages. Interaction of the food system with social, political, economic and natural environments. Sustainability of the food system. Impact of the food system on nutritional well-being.									
HSP	AHSW	NUTR	1500	Personal Nutrition for Active Individuals	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course will provide dietary principles on a wide variety of topics including macronutrients, micronutrients and fluid replacement for active individuals. Pros and cons of popular ergogenic aids, recommendations for pre and post competition meals and snacks, and recommended nutritional strategies to reach optimal weight and body composition will also be explored.									
HSP	AHSW	NUTR	1500	Personal Nutrition for Active Individuals	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course will provide dietary principles on a wide variety of topics including macronutrients, micronutrients and fluid replacement for active individuals. Pros and cons of popular ergogenic aids, recommendations for pre and post competition meals and snacks, and recommended nutritional strategies to reach optimal weight and body composition will also be explored.									
HSP	AHSW	NUTR	1510	Menu Planning and Preparation for Active Individuals	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better NUTR 1500							
		COURSE DESC:		The course provides application of menu planning strategies that effectively meet the energy needs of active individuals. The student plans and procures healthy meals and snacks that support health and prevent chronic disease.									
HSP	AHSW	NUTR	2100	Lifespan Nutrition	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000							
		COURSE DESC:		Examination of nutritional needs and unique concerns to foster optimal growth and development during the lifespan. Application of nutrition principles, as supported by current research, to plan and implement recommendations for dietary change throughout the life cycle.									
HSP	AHSW	NUTR	2100	Lifespan Nutrition	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000							
		COURSE DESC:		Examination of nutritional needs and unique concerns to foster optimal growth and development during the lifespan. Application of nutrition principles, as supported by current research, to plan and implement recommendations for dietary change throughout the life cycle.									
HSP	AHSW	NUTR	2200	Science of Food I	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NUTR 1100 and (CHEM 1210 or 1500 or 1510 or concurrent) and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2250							
		COURSE DESC:		Scientific principles applied to selection, storage and preparation of foods with emphasis on food macromolecules. Introduction to consumer food regulation and sensory analysis.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	2200	Science of Food I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NUTR 1100 and (CHEM 1210 or 1500 or 1510 or concurrent) and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2250							
		COURSE DESC:		Scientific principles applied to selection, storage and preparation of foods with emphasis on food macromolecules. Introduction to consumer food regulation and sensory analysis.									
HSP	AHSW	NUTR	2220	Science of Food II	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1210 or 1500 or 1510) and C or better in NUTR 2200 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2250							
		COURSE DESC:		Scientific principles applied to selection, storage, and preparation of foods.									
HSP	AHSW	NUTR	2220	Science of Food II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1210 or 1500 or 1510) and C or better in NUTR 2200 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2250							
		COURSE DESC:		Scientific principles applied to selection, storage, and preparation of foods.									
HSP	AHSW	NUTR	2250	Principles of Food Science	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000 and (CHEM 1210 or 1510) and RHT 1330 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2200 or 2220							
		COURSE DESC:		Scientific principles of food science applied to food components and complex food systems. Connects production, processing, cooking, and preservation to health and wellness for future food and nutrition professionals.									
HSP	AHSW	NUTR	2250	Principles of Food Science	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000 and (CHEM 1210 or 1510) and RHT 1330 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NUTR 2200 or 2220							
		COURSE DESC:		Scientific principles of food science applied to food components and complex food systems. Connects production, processing, cooking, and preservation to health and wellness for future food and nutrition professionals.									
HSP	AHSW	NUTR	2900	Special Topics in Nutrition	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	NUTR	2900	Special Topics in Nutrition	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	NUTR	2990	Professional Development in Food and Nutrition Sciences	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (NUTR 1000 and 1100) or concurrent and Soph or Jr or Sr							
		COURSE DESC:		Development of an awareness of the philosophy, goals, organizations, and requirements of food, nutrition, and applied nutrition professions.									
HSP	AHSW	NUTR	3000	Nutrient Metabolism	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 123 or 1220 or 153 or 1520) and C or better in (NUTR 128 or 1000)							
		COURSE DESC:		Examination of the macro- and micronutrients from a scientific standpoint, including their digestion, metabolism, and utilization at the cellular level. Evaluation of the recommended intake for the prevention of chronic disease and health maintenance.									
HSP	AHSW	NUTR	3100	Medical Nutrition Therapy I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 1310 or 3450) or concurrent and C or better in NUTR 3000							
		COURSE DESC:		Medical nutrition therapy associated with the prevention and treatment of disease, including overweight/obesity, hypertension, hyperlipidemia, diabetes mellitus, and kidney disease.									
HSP	AHSW	NUTR	3230	Fundamentals of Nutrition for Athletic and Physical Performance	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000							
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	NUTR	3230	Fundamentals of Nutrition for Athletic and Physical Performance	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in NUTR 1000							
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	NUTR	3300	Principles of Quantity Food Production and Purchasing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (NUTR 1000 and 2220)							
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	3300	Principles of Quantity Food Production and Purchasing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 1000 and 2220)									
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									
HSP	AHSW	NUTR	3350	Introduction to Food Production	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 333 or 3300) or concurrent									
		COURSE DESC:		Application of food purchasing, quantity food production, and food management principles in a commercial kitchen. Apply food safety and sanitation principles by participating in HACCP plan. Use standardized recipes and food service equipment in production of foods.									
HSP	AHSW	NUTR	3500	Contemporary School Nutrition	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 1000 and (2000 or 2100) and 3300 and 3350									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum and includes food and menu development.									
HSP	AHSW	NUTR	3500	Contemporary School Nutrition	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 1000 and (2000 or 2100) and 3300 and 3350									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum and includes food and menu development.									
HSP	AHSW	NUTR	3500	Contemporary School Nutrition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 1000 and (2000 or 2100) and 3300 and 3350									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum and includes food and menu development.									
HSP	AHSW	NUTR	3600	Nutrition Counseling	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3000									
		COURSE DESC:		Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									
HSP	AHSW	NUTR	3600	Nutrition Counseling	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3000									
		COURSE DESC:		Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									
HSP	AHSW	NUTR	3909	Food and Nutrition Sciences Study Tour	SEM	EL	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Exposure to the latest trends in nutrition, food, and health that impact the fields of nutrition and applied nutrition.									
HSP	AHSW	NUTR	3909	Food and Nutrition Sciences Study Tour	SEM	SE	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Exposure to the latest trends in nutrition, food, and health that impact the fields of nutrition and applied nutrition.									
HSP	AHSW	NUTR	3920	Field Experience in Culinary and Environmental Nutrition	PRA	EL	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3300									
		COURSE DESC:		The purpose of field experience is to provide an opportunity for undergraduate students to apply knowledge through work in the field of culinary nutrition or environmental nutrition. Through first-hand experience, case study work, and professional mentorship, the student will gain an understanding of the scope of culinary or environmental nutrition.									
HSP	AHSW	NUTR	3920	Field Experience in Culinary and Environmental Nutrition	PRA	PR	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3300									
		COURSE DESC:		The purpose of field experience is to provide an opportunity for undergraduate students to apply knowledge through work in the field of culinary nutrition or environmental nutrition. Through first-hand experience, case study work, and professional mentorship, the student will gain an understanding of the scope of culinary or environmental nutrition.									
HSP	AHSW	NUTR	3921	Dietetic Field Experience	PRA	PR	4	20		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 2990 and 3100 and 3350 and 3600) and (3300 or (333 and RHT 335)) and (BIOS 1310 or 3450)									
		COURSE DESC:		Professional experience in acute healthcare, long term care, community nutrition programs, school nutrition programs, and/or food industry under daily supervision of a Registered Dietitian (RD) or another food and nutrition sciences/applied nutrition professional.									
HSP	AHSW	NUTR	4000	Nutrition in the Community	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3000									
		COURSE DESC:		Application of the Nutrition Care Process in the community, including: 1) assessment of community nutrition needs; 2) policies and interventions to prevent and improve nutritional well-being of individuals, families, and community; and 3) agencies providing services. Role of the environment, food, food systems, and nutrition on community nutritional health. Public and health care policy affecting nutritional care.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	4050	Advanced Nutrition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				An in-depth examination of advanced topics in nutrition, including integrative and functional nutrition, nutritional genomics, dietary supplements, complementary and alternative medicine, and micronutrients.									
HSP	AHSW	NUTR	4100	Medical Nutrition Therapy II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR 3100 and (BIOS 1310 or 3450)) Medical nutrition therapy associated with the prevention and treatment of disease, including gastrointestinal, pulmonary, and wasting diseases. Enteral and parenteral nutrition.									
HSP	AHSW	NUTR	4200	Experimental Foods	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR (2220 or 2250) and NUTR 3000 and 3350 and PSY 2110) Factors which affect results of different methods used in food preparation. Research techniques and food product development using subjective and objective evaluation of products.									
HSP	AHSW	NUTR	4200	Experimental Foods	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR (2220 or 2250) and NUTR 3000 and 3350 and PSY 2110) Factors which affect results of different methods used in food preparation. Research techniques and food product development using subjective and objective evaluation of products.									
HSP	AHSW	NUTR	4260	World View of Nutrition	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				ANTH 1010 and C or better in NUTR 1000 and (Jr or Sr) Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									
HSP	AHSW	NUTR	4260	World View of Nutrition	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				ANTH 1010 and C or better in NUTR 1000 and (Jr or Sr) Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									
HSP	AHSW	NUTR	4320	Diabetes From Bench to Bedside	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Permission required An exploration of the underlying genetics and physiology of diabetes and clinically relevant issues surrounding diabetes from medical, self-management, and prevention perspectives.									
HSP	AHSW	NUTR	4320	Diabetes From Bench to Bedside	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Permission required An exploration of the underlying genetics and physiology of diabetes and clinically relevant issues surrounding diabetes from medical, self-management, and prevention perspectives.									
HSP	AHSW	NUTR	4400	Research Design and Methods in Food and Nutrition Sciences	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 3000 and PSY 2110 Overview of research design and methodology with practice application to the fields of food and nutrition sciences. A group research project will be carried out.									
HSP	AHSW	NUTR	4400	Research Design and Methods in Food and Nutrition Sciences	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 3000 and PSY 2110 Overview of research design and methodology with practice application to the fields of food and nutrition sciences. A group research project will be carried out.									
HSP	AHSW	NUTR	4900	Special Topics in Nutrition	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE:									
				CR Specific course content will vary with offering.									
HSP	AHSW	NUTR	4900	Special Topics in Nutrition	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				REQUISITE:									
				CR Specific course content will vary with offering.									
HSP	AHSW	NUTR	4901	Food and Nutrition Sciences Senior Seminar	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 3000 and Sr only Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	NUTR	4901	Food and Nutrition Sciences Senior Seminar	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 3000 and Sr only Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	NUTR	4902	Seminar/Workshop in International Service in Food and Nutrition Sciences	SEM	EL	3 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Permission required Seminar related to international service in food and nutrition sciences.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	4902	Seminar/Workshop in International Service in Food and Nutrition Sciences	SEM	SE	3 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	NUTR	4903	Seminar in Institutional and School Nutrition Management	SEM	EL	1 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: C or better in NUTR 3500 or concurrent CR, PR									
		COURSE DESC:		Seminar on topics related to institutional and school nutrition management.									
HSP	AHSW	NUTR	4903	Seminar in Institutional and School Nutrition Management	SEM	SE	1 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: C or better in NUTR 3500 or concurrent CR, PR									
		COURSE DESC:		Seminar on topics related to institutional and school nutrition management.									
HSP	AHSW	NUTR	4904	Seminar in Food and Nutrition Sciences	SEM	EL	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	NUTR	4904	Seminar in Food and Nutrition Sciences	SEM	SE	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	NUTR	4908	Advanced Seminar in Food and Nutrition Sciences	SEM	EL	3 to 4	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	NUTR	4908	Advanced Seminar in Food and Nutrition Sciences	SEM	SE	3 to 4	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	NUTR	4920	Nutrition Counseling Practicum	PRA	PR	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3600 or concurrent									
		COURSE DESC:		Offers the opportunity for students to counsel client(s) in a one-on-one and group format under the supervision of a registered dietitian; including assessment, treatment, evaluation and follow-up in out-patient care.									
HSP	AHSW	NUTR	4930	Independent Study in Food and Nutrition Science	IND	EL	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									
HSP	AHSW	NUTR	4930	Independent Study in Food and Nutrition Science	IND	IS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									
HSP	AHSW	NUTR	4932	Independent Study in Diabetes	IND	EL	3 to 8	16		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 4320									
		COURSE DESC:		Science, clinical, or educational experience related to diabetes.									
HSP	AHSW	NUTR	4932	Independent Study in Diabetes	IND	IS	3 to 8	16		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 4320									
		COURSE DESC:		Science, clinical, or educational experience related to diabetes.									
HSP	AHSW	NUTR	4947	Studies in Food, Nutrition, and Applied Nutrition	RSC	RS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and NUTR 1000 and 2220 and (Jr or Sr)									
		COURSE DESC:		Directed studies in some aspect of foods and/or nutrition; topics selected by students with approval of faculty member; frequent conferences.									

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HSP	AHSW	NUTR	4960	Trends in Diabetes	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in NUTR 4320 Latest research trends and clinical management of diabetes.									
HSP	AHSW	NUTR	4960	Trends in Diabetes	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in NUTR 4320 Latest research trends and clinical management of diabetes.									
HSP	AHSW	NUTR	4970	Seminar in Environmental Nutrition	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		(JR OR SR) and Applied Nutrition major and (NUTR 3920 or concurrent) and (WARNING: No credit if taken after the following: NUTR 4903 or 4904) This course examines the trends in environmental nutrition. It provides an opportunity for environmental nutrition students to demonstrate communication skills and professional growth.									
HSP	AHSW	NUTR	5000	Nutrition in the Community	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Application of the Nutrition Care Process in the community, including: 1) assessment of community nutrition needs; 2) policies and interventions to prevent and improve nutritional well-being of individuals, families, and community; and 3) agencies providing services. Role of the environment, food, food systems, and nutrition on community nutritional health. Public and health care policy affecting nutritional care.									
HSP	AHSW	NUTR	5050	Advanced Nutrition	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		An in-depth examination of advanced topics in nutrition, including integrative and functional nutrition, nutritional genomics, dietary supplements, complementary and alternative medicine, and micronutrients.									
HSP	AHSW	NUTR	5080	Nutrient Metabolism	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Examination of the macro- and micronutrients from a scientific standpoint, including their digestion, metabolism, and utilization at the cellular level. Evaluation of the recommended intake for the prevention of chronic disease and health maintenance.									
HSP	AHSW	NUTR	5100	Medical Nutrition Therapy I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Medical nutrition therapy associated with the prevention and treatment of disease, including overweight/obesity, hypertension, hyperlipidemia, diabetes mellitus, and kidney disease.									
HSP	AHSW	NUTR	5105	Medical Nutrition Therapy II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Medical nutrition therapy associated with the prevention and treatment of disease, including gastrointestinal, pulmonary, and wasting diseases. Enteral and parenteral nutrition.									
HSP	AHSW	NUTR	5200	Experimental Foods	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in (NUTR 5080 and 5300 and PSY 5110) Factors which affect results of different methods used in food preparation. Research techniques and food product development using subjective and objective evaluation of products.									
HSP	AHSW	NUTR	5200	Experimental Foods	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		C or better in (NUTR 5080 and 5300 and PSY 5110) Factors which affect results of different methods used in food preparation. Research techniques and food product development using subjective and objective evaluation of products.									
HSP	AHSW	NUTR	5230	Fundamentals of Nutrition for Athletic and Physical Performance	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	NUTR	5230	Fundamentals of Nutrition for Athletic and Physical Performance	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	NUTR	5260	World View of Nutrition	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									
HSP	AHSW	NUTR	5260	World View of Nutrition	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									
HSP	AHSW	NUTR	5300	Principles of Quantity Food Production and Purchasing	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	5300	Principles of Quantity Food Production and Purchasing	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									
HSP	AHSW	NUTR	5320	Diabetes From Bench to Bedside	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		An exploration of the underlying genetics and physiology of diabetes and clinically relevant issues surrounding diabetes from medical, self-management, and prevention perspectives.									
HSP	AHSW	NUTR	5320	Diabetes From Bench to Bedside	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		An exploration of the underlying genetics and physiology of diabetes and clinically relevant issues surrounding diabetes from medical, self-management, and prevention perspectives.									
HSP	AHSW	NUTR	5350	Introduction to Food Production	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Application of food purchasing, quantity food production, and food management principles in a commercial kitchen. Apply food safety and sanitation principles by participating in HACCP plan. Use standardized recipes and food service equipment in production of foods.									
HSP	AHSW	NUTR	5400	Research Design and Methods in Food and Nutrition Sciences	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Overview of research design and methodology with practice application to the fields of food and nutrition sciences. A group research project will be carried out.									
HSP	AHSW	NUTR	5400	Research Design and Methods in Food and Nutrition Sciences	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Overview of research design and methodology with practice application to the fields of food and nutrition sciences. A group research project will be carried out.									
HSP	AHSW	NUTR	5410	Fundamentals of Nutrition Care for Physician Assistants	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		This Physician Assistant course provides foundational content on human nutrition and alterations of physiology and biochemistry that occur during selected disease states that affect nutritional requirements. The course includes modalities of providing nutritional support to patients with selected disease states.									
HSP	AHSW	NUTR	5410	Fundamentals of Nutrition Care for Physician Assistants	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		This Physician Assistant course provides foundational content on human nutrition and alterations of physiology and biochemistry that occur during selected disease states that affect nutritional requirements. The course includes modalities of providing nutritional support to patients with selected disease states.									
HSP	AHSW	NUTR	5500	Contemporary School Nutrition	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum.									
HSP	AHSW	NUTR	5500	Contemporary School Nutrition	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum.									
HSP	AHSW	NUTR	5500	Contemporary School Nutrition	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Contemporary issues affecting school nutrition programs, including dietary factors and management of child nutrition programs. Contribution of nutrition education and school lunch program in school curriculum.									
HSP	AHSW	NUTR	5600	Nutrition Counseling	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									
HSP	AHSW	NUTR	5600	Nutrition Counseling	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									
HSP	AHSW	NUTR	5900	Special Topics in Nutrition	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	5900	Special Topics in Nutrition	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
HSP	AHSW	NUTR	5901	Food and Nutrition Sciences Senior Seminar	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	NUTR	5901	Food and Nutrition Sciences Senior Seminar	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	NUTR	5902	Seminar/Workshop in International Service in Food and Nutrition Sciences	SEM	EL	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	NUTR	5902	Seminar/Workshop in International Service in Food and Nutrition Sciences	SEM	SE	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	NUTR	5903	Seminar in Institutional and School Nutrition Management	SEM	EL	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special workshops on topics related to institutional and School Nutrition management.									
HSP	AHSW	NUTR	5903	Seminar in Institutional and School Nutrition Management	SEM	SE	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Special workshops on topics related to institutional and School Nutrition management.									
HSP	AHSW	NUTR	5904	Seminar in Food and Nutrition Sciences	LEC	EL	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	NUTR	5904	Seminar in Food and Nutrition Sciences	LEC	LE	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	NUTR	5908	Advanced Seminar in Food and Nutrition Sciences	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	NUTR	5908	Advanced Seminar in Food and Nutrition Sciences	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	NUTR	5909	Food and Nutrition Sciences Study Tour	SEM	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Exposure to the latest trends in nutrition, food, and health that impact the fields of nutrition and applied nutrition.									
HSP	AHSW	NUTR	5909	Food and Nutrition Sciences Study Tour	SEM	SE	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Exposure to the latest trends in nutrition, food, and health that impact the fields of nutrition and applied nutrition.									
HSP	AHSW	NUTR	5920	Nutrition Counseling Practicum	PRA	PR	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Offers the opportunity for students to counsel client(s) in a one-on-one and group format under the supervision of a registered dietitian; including assessment, treatment, evaluation and follow-up in out-patient care.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	5921	Food and Nutrition Sciences Field Experience	PRA	PR	4	20		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Professional experience in acute healthcare, long term care, community nutrition programs, school nutrition programs, and/or food industry under daily supervision of a Registered Dietitian (RD) or another food and nutrition sciences/applied nutrition professional.									
HSP	AHSW	NUTR	5930	Independent Study in Food and Nutrition Sciences	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Independent advanced study under direction of faculty member in food and nutrition sciences.									
HSP	AHSW	NUTR	5930	Independent Study in Food and Nutrition Sciences	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		Independent advanced study under direction of faculty member in food and nutrition sciences.									
HSP	AHSW	NUTR	5932	Independent Study in Diabetes	IND	EL	3 to 8	16		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Science, clinical, or educational experience related to diabetes.									
HSP	AHSW	NUTR	5932	Independent Study in Diabetes	IND	IS	3 to 8	16		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Science, clinical, or educational experience related to diabetes.									
HSP	AHSW	NUTR	5947	Studies in Food, Nutrition, and Applied Nutrition	TUT	TU	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Directed studies in some aspect of foods and/or nutrition; topics selected by students with approval of faculty member; frequent conferences.									
HSP	AHSW	NUTR	5960	Trends in Diabetes	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Latest research trends and clinical management of diabetes.									
HSP	AHSW	NUTR	5960	Trends in Diabetes	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Latest research trends and clinical management of diabetes.									
HSP	AHSW	NUTR	6200	Advanced Food Science	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Chemical and physical behavior of basic food constituents. Introduction to advanced food microbiological principles. Introduction to advanced food processing principles.									
HSP	AHSW	NUTR	6200	Advanced Food Science	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Chemical and physical behavior of basic food constituents. Introduction to advanced food microbiological principles. Introduction to advanced food processing principles.									
HSP	AHSW	NUTR	6250	Readings in Food and Nutrition Sciences	TUT	EL	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Critical review of current literature in food and nutrition sciences.									
HSP	AHSW	NUTR	6250	Readings in Food and Nutrition Sciences	TUT	TU	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR Critical review of current literature in food and nutrition sciences.									
HSP	AHSW	NUTR	6500	Diet and Chronic Disease	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Examination of the interdisciplinary relationships among nutrition, food and chronic diseases, such as cardiovascular disease, hypertension, cancer, diabetes, and obesity.									
HSP	AHSW	NUTR	6600	Nutrition for Sports and Fitness	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.									

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HSP	AHSW	NUTR	6600	Nutrition for Sports and Fitness	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.									
HSP	AHSW	NUTR	6700	Advanced Nutrition Applications	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NUTR 6910 concurrent									
				Advanced content on nutrition and diagnosis-related care and application of this knowledge to selected populations in clinical and community settings are highlighted. There is additional emphasis on conducting nutrition-focused physical assessments, creating nutrition care plans, professionalism, and ethics in nutrition practice.									
HSP	AHSW	NUTR	6710	Advanced Nutrition Synthesis of Professional Practice	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NUTR 6910 concurrent									
				Explores complex issues related to nutrition and dietetics. Focuses on the advanced responsibilities of the practitioner; including involvement in professional organizations and the local community, public policy, and ways to continue professional development. There is additional emphasis on coding and billing and the key areas of practice including clinical, community and food service.									
HSP	AHSW	NUTR	6750	Advanced Nutrition Support	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Application of current evidence-based nutrition support recommendations in the creation of evidence based nutrition care plans is highlighted. Focus is placed on following care plans throughout the treatment path - including initiation, troubleshooting problems, transitions, maintenance and weaning off nutrition support.									
HSP	AHSW	NUTR	6750	Advanced Nutrition Support	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Application of current evidence-based nutrition support recommendations in the creation of evidence based nutrition care plans is highlighted. Focus is placed on following care plans throughout the treatment path - including initiation, troubleshooting problems, transitions, maintenance and weaning off nutrition support.									
HSP	AHSW	NUTR	6900	Special Topics in Nutrition	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	NUTR	6900	Special Topics in Nutrition	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	NUTR	6901	Seminar in Food and Nutrition Sciences	SEM	EL	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Research and recent developments in Food and Nutrition Sciences.									
HSP	AHSW	NUTR	6901	Seminar in Food and Nutrition Sciences	SEM	SE	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE:									
				CR, PR									
		COURSE DESC:		Research and recent developments in Food and Nutrition Sciences.									
HSP	AHSW	NUTR	6910	Supervised Practice for Dietetic Interns	INT	IN	1 to 12	24		D	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Internship experiences at clinical, community and food service sites. Interns are expected to apply current research to select patient populations and demonstrate knowledge and skills commensurate with sites and completed coursework. Focuses on incorporating health and wellness experiences into all areas of practice.									
HSP	AHSW	NUTR	6940	Research in Food and Nutrition Sciences	RSC	EL	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: Permission required									
				PR									
		COURSE DESC:		Independent investigation of a topic in food and nutrition sciences.									
HSP	AHSW	NUTR	6940	Research in Food and Nutrition Sciences	RSC	RS	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
				REQUISITE: Permission required									
				PR									
		COURSE DESC:		Independent investigation of a topic in food and nutrition sciences.									
HSP	AHSW	NUTR	6950	Thesis in Food and Nutrition Sciences	THE	EL	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
				REQUISITE: Permission required									
				CR, PR									
		COURSE DESC:		Thesis in food and nutrition sciences. Permission required.									

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HSP	AHSW	NUTR	6950	Thesis in Food and Nutrition Sciences	THE	TH	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Thesis in food and nutrition sciences. Permission required.									
HSP	AHSW	T3	4300	Beyond Antioxidants: Whole Foods for Wellness Promotion	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		This course will explore the impact of food and food components on wellness of individuals.									
HSP	AHSW	T3	4300	Beyond Antioxidants: Whole Foods for Wellness Promotion	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		This course will explore the impact of food and food components on wellness of individuals.									
HSP	AHSW	T3	4310	Thomas Jefferson: Gardener and Gastronomer	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		An exploration of the two loves of Thomas Jefferson, gardening and fine food, from a multidisciplinary perspective.									
HSP	AHSW	T3	4310	Thomas Jefferson: Gardener and Gastronomer	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		An exploration of the two loves of Thomas Jefferson, gardening and fine food, from a multidisciplinary perspective.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	1020	Health Careers Opportunities Skill Enrichment	SEM	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr only									
		COURSE DESC:		CR Prematriculation program for entering minority freshmen majoring in selected health-related programs. Skill enrichment in math, biology, composition, computer word processing, and study techniques through lecture and lab experiences. Clinical visits and observations at various health care facilities provide students with exposure to allied health professions.									
HSP	IHS	IHS	1020	Health Careers Opportunities Skill Enrichment	SEM	SE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr only									
		COURSE DESC:		CR Prematriculation program for entering minority freshmen majoring in selected health-related programs. Skill enrichment in math, biology, composition, computer word processing, and study techniques through lecture and lab experiences. Clinical visits and observations at various health care facilities provide students with exposure to allied health professions.									
HSP	IHS	IHS	1100	Careers in Health Care	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Fr or Soph and (Warning: Not IHS 1200)									
		COURSE DESC:		CR, PR Taught by a team of faculty and practicing professionals, course examines various roles of health care professionals in health care delivery system, describes education and training program options, explains how a professional obtains a credential/license to practice, and explores opportunities for employment.									
HSP	IHS	IHS	1200	Survey of Health Professions and Collaborative Healthcare	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Fr or Soph) and not IHS 1100									
		COURSE DESC:		This course examines various roles of healthcare professionals in healthcare delivery systems and the value of multidisciplinary collaboration in quality healthcare and improved health outcomes. Education, professional licensing, training program options and employment opportunities in health professions are presented through various course materials; including guest speakers representing various healthcare professions. Course satisfies the College of Health Sciences and Professions interprofessional education requirement.									
HSP	IHS	IHS	2112	Introduction to Interprofessional Education and Practice in Health Care	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course is designed to provide students with introductory knowledge of interprofessional teamwork within an evolving health care system. The purpose of the course is to introduce concepts in interprofessional education and practice for collaborative patient, family, and community health care. Course satisfies the College of Health Sciences and Professions interprofessional education (IPE) requirement.									
HSP	IHS	IHS	2190	Introduction to Immigrant & Migrant Health	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will introduce students to issues related to mobile populations and to the myriad health issues faced by immigrant and migrant populations in the U.S. Because of the relatively large numbers of foreign-born individuals in Ohio, both in urban and rural areas, students working in health care are likely to engage with individuals and groups born outside the U.S. This course is designed to prepare students to appropriately and effectively engage with immigrant and migrant groups as well as other diverse groups.									
HSP	IHS	IHS	2190	Introduction to Immigrant & Migrant Health	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will introduce students to issues related to mobile populations and to the myriad health issues faced by immigrant and migrant populations in the U.S. Because of the relatively large numbers of foreign-born individuals in Ohio, both in urban and rural areas, students working in health care are likely to engage with individuals and groups born outside the U.S. This course is designed to prepare students to appropriately and effectively engage with immigrant and migrant groups as well as other diverse groups.									
HSP	IHS	IHS	2210	Introduction to Global Health	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a broad overview of global patterns of disease and the factors that influence health. Students learn about different health systems and regional health indicators. In doing so, the course exposes students to issues relating to social, cultural, and environmental determinants of health.									
HSP	IHS	IHS	2210	Introduction to Global Health	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a broad overview of global patterns of disease and the factors that influence health. Students learn about different health systems and regional health indicators. In doing so, the course exposes students to issues relating to social, cultural, and environmental determinants of health.									
HSP	IHS	IHS	2215	Medical Humanities: Global Health and Literature	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores global concepts and determinants of health through the reading of literary works, critical reviews and other representations of health issues in popular culture. Disease and illness is examined not only objectively and scientifically but also humanistically. This class links the organic problems addressed by health care providers and the human experience.									
HSP	IHS	IHS	2215	Medical Humanities: Global Health and Literature	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course explores global concepts and determinants of health through the reading of literary works, critical reviews and other representations of health issues in popular culture. Disease and illness is examined not only objectively and scientifically but also humanistically. This class links the organic problems addressed by health care providers and the human experience.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	2220	Cultural Competency in Interprofessional Health Care	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on ways in which the practice of the interprofessional health care team can enhance cultural competency in a health care environment. Cultural competency is approached from the standpoint and perspective of the individuals on the healthcare team as well as the team culture. Cultural competency is also approached from the standpoint and perspective of the patient with respect to cultural diversity, perceptions, and beliefs with respect to health-related issues. This course meets the College of Health Sciences and Professions interprofessional (IPE) requirement.									
HSP	IHS	IHS	2230	Introduction to Appalachian Studies	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides an introduction to the Appalachian region, including historical, cultural, and contemporary context and issues experienced by those who live in the region, and an examination of stereotypes associated with Appalachia.									
HSP	IHS	IHS	2235	Cross Cultural Issues in Tropical Diseases	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the concept of culture as a relevant framework for understanding human behavior in relation to health. It will focus on biological, environmental, cultural, social, and political aspects relevant to tropical diseases, including prevention, treatment and control. Finally, the course will discuss the importance of these issues in health interventions and in the design, implementation, and evaluation of health promotion projects.									
HSP	IHS	IHS	2235	Cross Cultural Issues in Tropical Diseases	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to the concept of culture as a relevant framework for understanding human behavior in relation to health. It will focus on biological, environmental, cultural, social, and political aspects relevant to tropical diseases, including prevention, treatment and control. Finally, the course will discuss the importance of these issues in health interventions and in the design, implementation, and evaluation of health promotion projects.									
HSP	IHS	IHS	2290	Global Health in Film & Theater	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty, local vs mass produced productions, and various health issues. Students analyze film and theatrical practices and how they are employed in public forums, in communicating ideas, in social change, and in expressing artistic and political perspectives. They discuss how film and theater can present complex and/or controversial issues, such as HIV/AIDS, rape, female genital mutilation (FGM), infectious diseases, and non-communicable disease and how presentation may vary by audience. This course makes the connections between the liberal arts, in this case film and theater, and clinical sciences.									
HSP	IHS	IHS	2290	Global Health in Film & Theater	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty, local vs mass produced productions, and various health issues. Students analyze film and theatrical practices and how they are employed in public forums, in communicating ideas, in social change, and in expressing artistic and political perspectives. They discuss how film and theater can present complex and/or controversial issues, such as HIV/AIDS, rape, female genital mutilation (FGM), infectious diseases, and non-communicable disease and how presentation may vary by audience. This course makes the connections between the liberal arts, in this case film and theater, and clinical sciences.									
HSP	IHS	IHS	2900	Special Topics in Health Sciences and Professions	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
HSP	IHS	IHS	2900	Special Topics in Health Sciences and Professions	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
HSP	IHS	IHS	3010	Spirituality in Healthcare	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the connection between spirituality, healing, health sciences and practices. Spirituality from the viewpoint of society and spiritual practices from past to present are explored.									
HSP	IHS	IHS	3020	Survey of Human Disease	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		The concepts fundamental to understanding the etiology of common diseases are covered. Topics will provide an overview of diagnosis, treatment, prognosis and issues related to quality of life for each disease.									
HSP	IHS	IHS	3222	Comparative Health Systems	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IHS 2210						
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	3222	Comparative Health Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.	LEC	LE	3	0		N	U30		0
HSP	IHS	IHS	3240	Overview of Healthcare Advocacy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.	LEC	EL	3	0		N	U30		0
HSP	IHS	IHS	3240	Overview of Healthcare Advocacy ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.	LEC	LE	3	0		N	U30		0
HSP	IHS	IHS	3250	Interprofessional Health Promotion ELIGIBLE GRADES: GEC1: A-F COURSE DESC: An introduction to interprofessional theoretical models and clinical practices of health promotion. An emphasis is placed on taking an interprofessional approach to assess health behaviors, identifying major resources to address these behaviors, and promoting practices that will improve health and wellness. Course meets the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.	LEC	LE	3	0		N	U30		0
HSP	IHS	IHS	3520	Research and Evidence-based Practice in Healthcare ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.	LEC	EL	3	0		N	U30		0
HSP	IHS	IHS	3520	Research and Evidence-based Practice in Healthcare ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.	LEC	LE	3	0		N	U30		0
HSP	IHS	IHS	3521	Global Health Research and Service ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides students with the basic knowledge of how to design a global health research or service program. Students review topics related to ethics and design of global health programs.	LEC	LE	3	0		N	U30		0
HSP	IHS	IHS	3600	Interpretations of Health and Medicine Through Literature ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Perspectives and perceptions of illness, healing, caregiving, and medicine as exhibited in both classical and current literature are presented and analyzed.	LEC	LE	3	0	2HL	N	U30		0
HSP	IHS	IHS	3700J	Writing in the Health Sciences and Professions ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Clarity of expression through various formats of exchange is an important professional skill. This course will explore different formats specifically utilized within the health sciences and professions and provide a platform for students to develop and practice their writing and interpretation of written communication skills.	LEC	EL	3	0	1J	N	U30		50
HSP	IHS	IHS	3700J	Writing in the Health Sciences and Professions ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Clarity of expression through various formats of exchange is an important professional skill. This course will explore different formats specifically utilized within the health sciences and professions and provide a platform for students to develop and practice their writing and interpretation of written communication skills.	LEC	LE	3	0	1J	N	U30		50
HSP	IHS	IHS	3930	Global Health Capstone Preparation ELIGIBLE GRADES: GEC5: CR, PR, F COURSE DESC: The purpose of the course is for students to develop a research or clinical project proposal and site selection for a global health capstone experience. Guided by a series of online modules, students will research external health experiences related to their specific area of interest, select an option, develop a plan and complete the necessary application process (through the Health Sciences Center Global Health Initiative and the Office of Education Abroad for international experiences, and through the Global Health Certificate director for U.S. experiences).	IND	EL	2	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	3930	Global Health Capstone Preparation	IND	IS	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: HSP 3521									
		COURSE DESC:		PR, F The purpose of the course is for students to develop a research or clinical project proposal and site selection for a global health capstone experience. Guided by a series of online modules, students will research external health experiences related to their specific area of interest, select an option, develop a plan and complete the necessary application process (through the Health Sciences Center Global Health Initiative and the Office of Education Abroad for international experiences, and through the Global Health Certificate director for U.S. experiences).									
HSP	IHS	IHS	3934	Interprofessional Experiential Learning	IND	IS	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		CR Focuses on active participation in interprofessional education (IPE) experiences in the College of Health Sciences and Professions (CHSP). CHSP IPE-designated experiences emphasize the development of IPE competencies for students in the health professions including communication, knowledge of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the College of Health Sciences undergraduate interprofessional (IPE) requirement. Course credit may be applied to the College of Health Sciences and Professions undergraduate interprofessional education requirement.									
HSP	IHS	IHS	3935	Independent Study: Interdisciplinary Health Studies	IND	IS	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR This course is intended for students to study and/or do research in selected fields related to the Department of Interdisciplinary Health Studies' certificates or majors under the direction of a Department affiliated faculty member.									
HSP	IHS	IHS	4200	Foundations of Leadership in Healthcare	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		This course includes the examination of the core leadership competencies required to serve in contemporary healthcare organizations. Explores key concepts in understanding organizational culture(s) and the skills required to build and sustain effective teams.									
HSP	IHS	IHS	4245	Vulnerable Populations in Healthcare	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The social, emotional, and psychological considerations of vulnerable populations in healthcare are addressed. Vulnerable populations, groups that are not well integrated into the healthcare system, are often identified by ethnic, cultural, economic, geographic, or health characteristics.									
HSP	IHS	IHS	4246	Identifying Abuse in a Healthcare Setting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		This course addresses various forms of abuse including physical, verbal, sexual, drug, and workplace harassment in healthcare settings. Course material will focus on the identification of the various forms of abuse, ways to prevent abuse, and the ethical and legal ways of reporting the abuse.									
HSP	IHS	IHS	4303	Secondary data analysis in global health and development	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 2210									
		COURSE DESC:		This applied research course utilizes secondary analysis of existing data to analyze research questions in global health and development. Students develop a research plan, obtain IRB approval and analyze publicly available and faculty generated quantitative and qualitative data on critical health issues among various cultures. By the end of the course, students complete a research project utilizing an existing global health data source. Students are strongly encouraged to have completed a basic research methods course prior to enrolling in this course.									
HSP	IHS	IHS	4303	Secondary data analysis in global health and development	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 2210									
		COURSE DESC:		This applied research course utilizes secondary analysis of existing data to analyze research questions in global health and development. Students develop a research plan, obtain IRB approval and analyze publicly available and faculty generated quantitative and qualitative data on critical health issues among various cultures. By the end of the course, students complete a research project utilizing an existing global health data source. Students are strongly encouraged to have completed a basic research methods course prior to enrolling in this course.									
HSP	IHS	IHS	4430	Working on an Interprofessional Healthcare Team	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Major in CHSP and Sr									
		COURSE DESC:		This course prepares the healthcare professional to work on a team regardless of healthcare setting. Using patient and family-centered case scenarios, students have the opportunity to gain knowledge and interprofessional skills related to values and ethics, roles and responsibilities, communication, teams and teamwork. Course satisfies the College of Health Sciences and Professions interprofessional education (IPE) requirement.									
HSP	IHS	IHS	4447	Critical Thinking and Reasoning in Clinical Problem Solving	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		In this course, the critical thinking process is made explicit by breaking the process into steps necessary to engage in critical thinking. These steps include reasoning through interpretation, evaluation, and metacognition. Overall, the relevance of critical thinking to models of evidence-based practice (EBP) used in clinical health professions is emphasized.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	4510	Interprofessional Health Care in Rural/Underserved Populations	LEC	LE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores interprofessional health care education and practice with emphasis on rural/underserved populations. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) requirement for undergraduate students.									
HSP	IHS	IHS	4518	Interprofessional Grand Rounds	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Analyzes complex medical cases involving a variety of health professions, builds on the expertise of each respective discipline, encourages interprofessional decision-making, and demonstrates consensus-building in a grand rounds forum. Emphasis on optimal patient-centered clinical interventions, including preventive, diagnostic, rehabilitative, and palliative. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.									
HSP	IHS	IHS	4900	Special Topics in Health Sciences and Professions	LEC	LE	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Course focuses on a special or current topic in health sciences and professions.									
HSP	IHS	IHS	4910	Global Health Capstone Experience	INT	IN	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HSP 3930 and BIOS 4440 and (Jr or Sr) and 6 hrs Global Health electives						
		COURSE DESC:		A service or research project integrating aspects of global health that impact developing countries and/or vulnerable populations. Combines field work with theoretical knowledge and analytical skills gained through coursework. Students will either complete a research or clinical project dealing with global health issues. Students are encouraged to pursue a project in their discipline of interest.									
HSP	IHS	IHS	5020	Survey of Human Disease	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The concepts fundamental to understanding the etiology of common diseases are covered. Topics will provide an overview of diagnosis, treatment, prognosis and issues related to quality of life for each disease.									
HSP	IHS	IHS	5200	Foundations of Leadership in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course includes the examination of the core leadership competencies required to serve in contemporary healthcare organizations. Explores key concepts in understanding organizational culture(s) and the skills required to build and sustain effective teams.									
HSP	IHS	IHS	5201	Quality, Safety and Service in Healthcare Leadership	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	IHS 5200						
		COURSE DESC:		PR	This course examines the issues related to the leaders role in developing and executing quality, safety and service and the interdependence of these strategies on outcomes in healthcare.								
HSP	IHS	IHS	5202	Financial Innovation and Growth Strategies in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	IHS 5200						
		COURSE DESC:		PR	This course examines the basic financial management skills and accounting processes unique to the healthcare delivery system and the responsibilities of managers and leaders in applying them. In addition, this course will explore the specifics of revenue generating strategies through growth and innovation in healthcare.								
HSP	IHS	IHS	5203	Strategies for Leading People in Healthcare	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	IHS 5200						
		COURSE DESC:		PR	This course examines the critical importance of people strategies to organizational success by exploring the dynamics of workforce planning, talent management, and employee engagement with an emphasis on healthcare.								
HSP	IHS	IHS	5203	Strategies for Leading People in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	IHS 5200						
		COURSE DESC:		PR	This course examines the critical importance of people strategies to organizational success by exploring the dynamics of workforce planning, talent management, and employee engagement with an emphasis on healthcare.								
HSP	IHS	IHS	5204	Advanced Healthcare Leadership	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:							
		COURSE DESC:		PR	This course examines the competencies required for leaders in contemporary and future healthcare organizations including an understanding of matrix organizations, change leadership, negotiation/conflict management and the requisite skills for structured thought and communication.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5204	Advanced Healthcare Leadership	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		This course examines the competencies required for leaders in contemporary and future healthcare organizations including an understanding of matrix organizations, change leadership, negotiation/conflict management and the requisite skills for structured thought and communication.									
HSP	IHS	IHS	5210	Fundamentals of Global Health	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will provide a comprehensive overview of health and healthcare from a global perspective. The course will explore measurement of population health, global burden of disease, comparative health systems, communicable and non-communicable disease, and socioeconomic factors in health. Throughout the course, students will be encouraged to critically evaluate determinants of health and health interventions.									
HSP	IHS	IHS	5210	Fundamentals of Global Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course will provide a comprehensive overview of health and healthcare from a global perspective. The course will explore measurement of population health, global burden of disease, comparative health systems, communicable and non-communicable disease, and socioeconomic factors in health. Throughout the course, students will be encouraged to critically evaluate determinants of health and health interventions.									
HSP	IHS	IHS	5222	Comparative Health Systems	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 5210									
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									
HSP	IHS	IHS	5222	Comparative Health Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 5210									
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									
HSP	IHS	IHS	5240	Overview of Healthcare Advocacy	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.									
HSP	IHS	IHS	5240	Overview of Healthcare Advocacy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.									
HSP	IHS	IHS	5245	Vulnerable Populations in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The social, emotional, and psychological considerations of vulnerable populations in healthcare are addressed. Vulnerable populations, groups that are not well integrated into the healthcare system, are often identified by ethnic, cultural, economic, geographic, or health characteristics.									
HSP	IHS	IHS	5246	Identifying Abuse in a Healthcare Setting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course addresses various forms of abuse including physical, verbal, sexual, drug, and workplace harassment in healthcare settings. Course material will focus on the identification of the various forms of abuse, ways to prevent abuse, and the ethical and legal ways of reporting the abuse.									
HSP	IHS	IHS	5250	Interprofessional Health Promotion	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction to interprofessional theoretical models and clinical practices of health promotion. An emphasis is placed on taking an interprofessional approach to assess health behaviors, identifying major resources to address these behaviors, and promoting practices that will improve health and wellness. Course meets the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.									
HSP	IHS	IHS	5300	Fundamental Health Policy: Concepts, Components and Systems	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exploring health policy from a systematic approach; linking public health and healthcare issues to policy processes. Examination of policy formation, individuals, organizations, and systems involved in this processes; in relation to various issues in population health, health promotion, and healthcare delivery.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5301	The Health Policy Making Process	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Elaborating on the processes required for health policy making from conception to evaluation. Emphasizing the contrast of roles, perceptions of, and impact on individuals versus organizations; with a vested interest in the policy positions.									
HSP	IHS	IHS	5302	Health Policy: Current Issues, Trends and Emerging Topics	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IHS 5300 and 5301						
		COURSE DESC:		Current issues in local, state and national health policy are presented. The emphasis of this class is the analysis and evaluation of current trends and emerging topics in health policy.									
HSP	IHS	IHS	5303	Secondary data analysis in global health and development	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IHS 5210						
		COURSE DESC:		This applied research course utilizes secondary analysis of existing data to analyze research questions in global health and development. Students develop a research plan, obtain IRB approval and analyze publicly available and faculty generated quantitative and qualitative data on critical health issues among various cultures. By the end of the course, students complete a research project utilizing an existing global health data source. Students are strongly encouraged to have completed a basic research methods course prior to enrolling in this course.									
HSP	IHS	IHS	5303	Secondary data analysis in global health and development	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IHS 5210						
		COURSE DESC:		This applied research course utilizes secondary analysis of existing data to analyze research questions in global health and development. Students develop a research plan, obtain IRB approval and analyze publicly available and faculty generated quantitative and qualitative data on critical health issues among various cultures. By the end of the course, students complete a research project utilizing an existing global health data source. Students are strongly encouraged to have completed a basic research methods course prior to enrolling in this course.									
HSP	IHS	IHS	5400	Veterans Health: United States Military Culture and History	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Emphasize the importance of healthcare providers understanding of military culture and history, in order to be effective providers for this population.									
HSP	IHS	IHS	5401	Diseases and Conditions in Veterans: Prevalence, Diagnosis, and Treatment	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course examines the current literature and epidemiological data on numerous biological, psychological, social diseases and conditions in military veterans and their families. This course also investigates the challenges regarding diagnosis and treatment of current and former military personnel and their families in comparison to civilian patients.									
HSP	IHS	IHS	5402	Veterans Affairs System: Healthcare Perspectives	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The United States Department of Veterans Affairs (VA); including mission, organizational structure, history and evolution are explored with an emphasis placed on veterans' health and healthcare services.									
HSP	IHS	IHS	5510	Interprofessional Health Care in Rural/Underserved Populations	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores interprofessional health care education and practice with emphasis on rural/underserved populations. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) requirement for undergraduate students.									
HSP	IHS	IHS	5511	Health Care Financing for the Health Professions	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Addresses questions about interprofessional health care delivery and payment. Identifies public and private health care financing models and administrative approaches to maximizing health care quality, cost-effectiveness, and value.									
HSP	IHS	IHS	5512	U.S. Health Care Systems and Policy for the Health Professions	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores the U.S. health care system including the history of health care delivery, social and economic forces impacting health care delivery, patterns of health care coverage, access to health care, state and federal health care policy, and policy proposals for enhancing health care delivery.									
HSP	IHS	IHS	5513	Health Informatics for the Health Professions	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Informs health professions students about the application of technology and the management of health information across and among health care professions.									
HSP	IHS	IHS	5513	Health Informatics for the Health Professions	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Informs health professions students about the application of technology and the management of health information across and among health care professions.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5514	Professional and Clinical Ethics for the Health Professions	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduces clinical (patient-centered) ethical decision-making in the context of professional codes and principles of ethics, and demonstrates the application of ethics to practical issues arising in daily practice with patients and families.									
HSP	IHS	IHS	5515	Patient and Family Care and Counseling for the Health Professions	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Focuses on aspects of patient and family care and counseling across and among health care professions. Both patient-centered and family-level interventions explored.									
HSP	IHS	IHS	5516	Responsible Conduct of Research for Student Investigators	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Explores the responsible conduct of research domains, illustrates research misconduct and other ethical breaches using actual and hypothetical cases, and describes best practices for conducting science with integrity.									
HSP	IHS	IHS	5517	Legal Issues for the Health Professions	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Explores the structure of the U.S. legal system, describes regulations and caselaw applicable to the health professions, analyzes the law regarding misconduct that may result in professional, financial, or criminal penalties, and applies the law to issues that arise in professional practice.									
HSP	IHS	IHS	5518	Interprofessional Grand Rounds	SEM	SE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required							
		COURSE DESC:		Analyzes complex medical cases involving a variety of health professions, builds on the expertise of each respective discipline, encourages interprofessional decision-making, and demonstrates consensus-building in a grand rounds forum. Emphasis on optimal patient-centered clinical interventions, including preventive, diagnostic, rehabilitative, and palliative. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.									
HSP	IHS	IHS	5520	Research and Evidence-based Practice in Healthcare	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	IHS	5520	Research and Evidence-based Practice in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	IHS	5521	Global Health Research and Service	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210							
		COURSE DESC:		This course provides students with the basic knowledge of how to design a global health research or service program. Students review topics related to ethics and design of global health programs.									
HSP	IHS	IHS	5900	Special Topics in Health Sciences and Professions	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Course focuses on a special or current topic in health sciences and professions.									
HSP	IHS	IHS	5931	Global Health Capstone 1	IND	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	IHS 5210 and 5222 and (HLTH 5120 or IHS 5521)							
		COURSE DESC:		The course walks students through the development of a project proposal and site selection for a global health capstone experience in an international setting, which can include immigrant and migrant communities within the U.S. The course focus is on the development and process of creating an approved project that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									
HSP	IHS	IHS	5931	Global Health Capstone 1	IND	IS	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	IHS 5210 and 5222 and (HLTH 5120 or IHS 5521)							
		COURSE DESC:		The course walks students through the development of a project proposal and site selection for a global health capstone experience in an international setting, which can include immigrant and migrant communities within the U.S. The course focus is on the development and process of creating an approved project that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5932	Global Health Capstone 2	IND	IS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	IHS 5210 and 5222 and 5931 and (HLTH 5120 or IHS 5521)							
		COURSE DESC:		Students complete an approved capstone/field experience for the Global Health Certificate in an international setting, which can include immigrant and migrant communities within the U.S. The course focuses on an international project developed in IHS 5931 that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									
HSP	IHS	IHS	5934	Interprofessional Experiential Learning	IND	IS	1 to 3	0		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:	Permission required							
		COURSE DESC:		Focuses on active participation in interprofessional education (IPE) experiences in the College of Health Sciences and Professions (CHSP). CHSP IPE-designated experiences emphasize the development of IPE competencies for students in the health professions including communication, knowledge of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the College of Health Sciences undergraduate interprofessional (IPE) requirement. Course credit may be applied to the College of Health Sciences and Professions undergraduate interprofessional education requirement.									
HSP	IHS	IHS	5935	Independent Study: Interdisciplinary Health Studies	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:								
		COURSE DESC:		This course is intended for students to study and/or do research in selected fields related to the Department of Interdisciplinary Health Studies' certificates or majors under the direction of a Department affiliated faculty member.									
HSP	IHS	IHS	6190	Global Migration Health of Displaced Peoples	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210							
		COURSE DESC:		This course provides a conceptual framework to understand the process of global migration and human health. Students critically examine the social and political construction of displaced people (migrant and refugee), and the resultant state and humanitarian responses surrounding health and social services. This course frames global health in broad terms to include underlying social and economic conditions, including climate change, economic underdevelopment, and political instability, which displace people around the world and present barriers to achieving health and well-being in displaced communities. In order to sharpen skills in critical analysis of health problems and to better understand their underlying causes, students draw upon various fields including: global health, development studies, public health, anthropology, and other social sciences.									
HSP	IHS	IHS	6210	Globalization & Health	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210							
		COURSE DESC:		Explores the impact of globalization on emerging global diseases and trends, especially those impacted by migration, disasters, economics, policy, and changing life styles. The course employs a case-based approach to explore the rapidly changing health needs of countries throughout the world and the policies, practices, and organizations put in place to meet those needs.									
HSP	IHS	IHS	6210	Globalization & Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210							
		COURSE DESC:		Explores the impact of globalization on emerging global diseases and trends, especially those impacted by migration, disasters, economics, policy, and changing life styles. The course employs a case-based approach to explore the rapidly changing health needs of countries throughout the world and the policies, practices, and organizations put in place to meet those needs.									
HSP	IHS	IHS	6212	Culture and Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course focuses on the influence of culture on health and wellness to provide students, in the healthcare and social service professions, with the tools needed to work with culturally diverse populations.									
HSP	IHS	IHS	6523	Technology & Innovations in Global Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210							
		COURSE DESC:		This course introduces students to the importance of developing innovative approaches to complex issues utilizing a culturally appropriate, community-based process. Students discuss and evaluate funding mechanisms, resource availability and community partnership as well as ethical issues of introducing technologies in resource-poor settings.									
HSP	IHS	IHS	6803	Program Planning and Evaluation in Healthcare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Course focuses on project planning, implementation, and evaluation in healthcare settings. Introduces the DMAIC method (Define, Measure, Analyze, Improve, Control) and associated tools from lean six sigma in the context of healthcare. Includes developing process maps, identifying bottlenecks, workflow analysis, and process improvement through testing and control charts.									
HSP	IHS	IHS	6931	Masters in Global Health Scholarly Project 1	IND	EL	2 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	IHS 5210 and 5222							
		COURSE DESC:		The course walks students through the development of a project proposal and site selection for a global health scholarly project in an international setting, which can include immigrant and migrant communities within the U.S. The course focus is on the development and process of creating an approved project that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	6931	Masters in Global Health Scholarly Project 1	IND	IS	2 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: IHS 5210 and 5222									
		COURSE DESC:		The course walks students through the development of a project proposal and site selection for a global health scholarly project in an international setting, which can include immigrant and migrant communities within the U.S. The course focus is on the development and process of creating an approved project that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									
HSP	IHS	IHS	6932	Masters of Global Health Scholarly Project 2	IND	EL	3 to 5	0		D	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Students complete an approved capstone/field experience for the Masters of Global Health in an international setting, which can include immigrant and migrant communities within the U.S. The course focuses on an international project developed in IHS 6931 that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									
HSP	IHS	IHS	6932	Masters of Global Health Scholarly Project 2	IND	IS	3 to 5	0		D	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required									
		COURSE DESC:		Students complete an approved capstone/field experience for the Masters of Global Health in an international setting, which can include immigrant and migrant communities within the U.S. The course focuses on an international project developed in IHS 6931 that applies knowledge and skills gained from coursework to a real life situation or problem in an under-served community.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	1111	Clinical Judgment I	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Pre-Nursing major									
		COURSE DESC:		Provides an introduction to the profession of nursing. Topics include the history and legal basis of practice, critical thinking, scientific method and nursing process, medical and health care terminology, assessment of learning style, foundation of written communication skills and an introduction to campus resources.									
HSP	NRSE	NRSE	1111	Clinical Judgment I	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Pre-Nursing major									
		COURSE DESC:		Provides an introduction to the profession of nursing. Topics include the history and legal basis of practice, critical thinking, scientific method and nursing process, medical and health care terminology, assessment of learning style, foundation of written communication skills and an introduction to campus resources.									
HSP	NRSE	NRSE	2111	Clinical Judgment II	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 1111 and BSN major									
		COURSE DESC:		Provides an introduction to the use of nursing process in clinical practice: assessment, diagnosis, planning, implementation, and evaluation. The use of national health goals as a basis for developing a plan of care is discussed. Nursing process and rules and regulations governing the practice of nursing in Ohio are discussed in further detail. Factors that impact planning and implementation of nursing care are discussed.									
HSP	NRSE	NRSE	2121	Pathophysiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 1111 and BSN major									
		COURSE DESC:		Focuses on the knowledge base for selected pathophysiological conditions commonly encountered in nursing practice. Pathophysiology application is made through age-appropriate examples.									
HSP	NRSE	NRSE	2211	Clinical Judgment III	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121									
		COURSE DESC:		provides a continuation of the clinical judgment series with a focus on standard nomenclature and research in nursing practice. An introduction to North American Nursing Diagnosis Association (NANDA), Nursing Intervention Classification (NIC), Nursing Outcomes Classification (NOC) and their use in planning care is included. Application to case studies is included based on the representation of common health concerns like diabetes and hypertension.									
HSP	NRSE	NRSE	2221	Foundations of Nursing Practice	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121 and 2231									
		COURSE DESC:		Focuses on entry-level nursing skills required to develop competency in performance and application of nursing knowledge based on understanding of the underlying scientific concepts and principles of nursing practice. Includes identification of factors that influence health and health-related choices by the older adult and their significant other.									
HSP	NRSE	NRSE	2221	Foundations of Nursing Practice	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121 and 2231									
		COURSE DESC:		Focuses on entry-level nursing skills required to develop competency in performance and application of nursing knowledge based on understanding of the underlying scientific concepts and principles of nursing practice. Includes identification of factors that influence health and health-related choices by the older adult and their significant other.									
HSP	NRSE	NRSE	2221	Foundations of Nursing Practice	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121 and 2231									
		COURSE DESC:		Focuses on entry-level nursing skills required to develop competency in performance and application of nursing knowledge based on understanding of the underlying scientific concepts and principles of nursing practice. Includes identification of factors that influence health and health-related choices by the older adult and their significant other.									
HSP	NRSE	NRSE	2231	Health Assessment	CLN	CL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 1111 and BSN major									
		COURSE DESC:		Focuses on the theory and application experience for performing nursing assessment of individuals across the life span. Emphasis is placed on interviewing and physical assessment techniques and documentation of findings appropriate for nursing. The emphasis is on well clients, with the identification and prioritization of some deviations from normal upon which to base nursing diagnosis.									
HSP	NRSE	NRSE	2231	Health Assessment	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 1111 and BSN major									
		COURSE DESC:		Focuses on the theory and application experience for performing nursing assessment of individuals across the life span. Emphasis is placed on interviewing and physical assessment techniques and documentation of findings appropriate for nursing. The emphasis is on well clients, with the identification and prioritization of some deviations from normal upon which to base nursing diagnosis.									
HSP	NRSE	NRSE	2241	Pharmacology in Nursing	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121									
		COURSE DESC:		Provides an introduction of basic concepts and principles related to pharmacology (pharmacokinetics, pharmacodynamics, and pharmacotherapeutics) and the nurse's role in drug therapy. Major classifications of drugs will be examined and issues associated with drug therapy in society discussed.									
HSP	NRSE	NRSE	2420	One Health: Intersection of People, Animals and the Environment	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students analyze and assess the interconnectedness between human, animal and environment health utilizing an interprofessional approach. Students develop an understanding of One Health and its importance at the local, national and global levels and apply concepts from environment (earth/environmental science), animal health (zoology) and human health (biology) to complex global health issues. The interprofessional approach recognizes that the health of humans, animals and ecosystems are interconnected and that only through cross-discipline, cross-sectorial collaboration can we effectively address risks affecting humans and animals.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	2900	Special Topics in Nursing	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	NRSE	2900	Special Topics in Nursing	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	NRSE	3111	Clinical Judgment IV	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2231 and 2241 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NRSE 3110									
		COURSE DESC:		Focuses on the continuation of the clinical judgment series and emphasizes the role of professional organizations in the quality of health care delivered. Includes an introduction to collaboration and interdisciplinary health care teams.									
HSP	NRSE	NRSE	3111	Clinical Judgment IV	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2231 and 2241 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NRSE 3110									
		COURSE DESC:		Focuses on the continuation of the clinical judgment series and emphasizes the role of professional organizations in the quality of health care delivered. Includes an introduction to collaboration and interdisciplinary health care teams.									
HSP	NRSE	NRSE	3120	Professional Topics: Ethics, Diversity, and Gerontology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2210 and 2220 and (2230 or 2231) and 2240 and (2250 or 225A or 225B)									
		COURSE DESC:		Focuses on exploration of ethical principles and application to practice of nursing. Addresses the concept of diversity and its influence on the acceptance and delivery of health care services. Examines the impact of culture, race, ethnicity, gender, religion, class, and sexual orientation on concept of diversity as related to health care. Identification of factors that influence health and health-related choices by the older adult and their significant others is examined. Interventions discussed focus on negotiation of the health care system.									
HSP	NRSE	NRSE	3120	Professional Topics: Ethics, Diversity, and Gerontology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2210 and 2220 and (2230 or 2231) and 2240 and (2250 or 225A or 225B)									
		COURSE DESC:		Focuses on exploration of ethical principles and application to practice of nursing. Addresses the concept of diversity and its influence on the acceptance and delivery of health care services. Examines the impact of culture, race, ethnicity, gender, religion, class, and sexual orientation on concept of diversity as related to health care. Identification of factors that influence health and health-related choices by the older adult and their significant others is examined. Interventions discussed focus on negotiation of the health care system.									
HSP	NRSE	NRSE	3131	Nursing Care of Adults I	CLN	CL	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2241 and WARNING: No credit for this course and the following (always deduct credit for first course taken): NRSE 3130 or 3131									
		COURSE DESC:		Focuses on class, clinical, and lab experiences addressing acute and chronic health alterations in adults. Topics include pain, infection, dermatology, eyes, ears, nose, throat, cardiovascular, respiratory, and fluids and electrolytes.									
HSP	NRSE	NRSE	3131	Nursing Care of Adults I	LAB	LB	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2241 and WARNING: No credit for this course and the following (always deduct credit for first course taken): NRSE 3130 or 3131									
		COURSE DESC:		Focuses on class, clinical, and lab experiences addressing acute and chronic health alterations in adults. Topics include pain, infection, dermatology, eyes, ears, nose, throat, cardiovascular, respiratory, and fluids and electrolytes.									
HSP	NRSE	NRSE	3131	Nursing Care of Adults I	LEC	LE	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2241 and WARNING: No credit for this course and the following (always deduct credit for first course taken): NRSE 3130 or 3131									
		COURSE DESC:		Focuses on class, clinical, and lab experiences addressing acute and chronic health alterations in adults. Topics include pain, infection, dermatology, eyes, ears, nose, throat, cardiovascular, respiratory, and fluids and electrolytes.									
HSP	NRSE	NRSE	3141	Mental Health Nursing	CLN	CL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2231 and 2241									
		COURSE DESC:		Introduces standards of psychiatric-mental health nursing practice. Emphasizes the professional activities utilized by the nurse to provide developmentally and culturally relevant psychiatric-mental health nursing care.									
HSP	NRSE	NRSE	3141	Mental Health Nursing	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2231 and 2241									
		COURSE DESC:		Introduces standards of psychiatric-mental health nursing practice. Emphasizes the professional activities utilized by the nurse to provide developmentally and culturally relevant psychiatric-mental health nursing care.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	3211	Clinical Judgment V	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3111 and 3131 and 3141									
		COURSE DESC:		Focuses on the continuation of clinical judgment series with emphasis on communication and performance in high stress situations. Includes application of evidence-based practice guidelines in situations from clinical experiences.									
HSP	NRSE	NRSE	3211	Clinical Judgment V	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3111 and 3131 and 3141									
		COURSE DESC:		Focuses on the continuation of clinical judgment series with emphasis on communication and performance in high stress situations. Includes application of evidence-based practice guidelines in situations from clinical experiences.									
HSP	NRSE	NRSE	3231	Nursing Care of Adults II	CLN	CL	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3111 and 3131									
		COURSE DESC:		Focuses on class and clinical experiences addressing acute and chronic alterations in gastrointestinal, genitourinary, immune systems, endocrinology, hepatic function, musculoskeletal, hematology, oncology, and neurology.									
HSP	NRSE	NRSE	3231	Nursing Care of Adults II	LAB	LB	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3111 and 3131									
		COURSE DESC:		Focuses on class and clinical experiences addressing acute and chronic alterations in gastrointestinal, genitourinary, immune systems, endocrinology, hepatic function, musculoskeletal, hematology, oncology, and neurology.									
HSP	NRSE	NRSE	3231	Nursing Care of Adults II	LEC	LE	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3111 and 3131									
		COURSE DESC:		Focuses on class and clinical experiences addressing acute and chronic alterations in gastrointestinal, genitourinary, immune systems, endocrinology, hepatic function, musculoskeletal, hematology, oncology, and neurology.									
HSP	NRSE	NRSE	3251	Evidence-Based Nursing Practice	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121 and 2221 and 2231 and 2241									
		COURSE DESC:		Focuses on the relationship between nursing theory and evidence-based practice principles in the development of nursing interventions. The appraisal of research evidence is considered, as well as the weaving together of research evidence, expertise of practitioners, views of patients, and available resources in the delivery of health care.									
HSP	NRSE	NRSE	3251	Evidence-Based Nursing Practice	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2111 and 2121 and 2221 and 2231 and 2241									
		COURSE DESC:		Focuses on the relationship between nursing theory and evidence-based practice principles in the development of nursing interventions. The appraisal of research evidence is considered, as well as the weaving together of research evidence, expertise of practitioners, views of patients, and available resources in the delivery of health care.									
HSP	NRSE	NRSE	3700J	Writing for Nursing and Health Care Professions	LEC	LE	3	0	1J	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Provides technical written communications skills. Writing tasks provide students with the knowledge, skills, and attitudes necessary for written communication in formats and subject areas common in nursing and health practice.									
HSP	NRSE	NRSE	4110	Clinical Judgment VI	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3210 and 3230									
		COURSE DESC:		Focuses on use of information systems and application of patient care technology in support of health care delivery. Topics include law and ethics in use of health care information systems and connections between informatics and evidence-based practice.									
HSP	NRSE	NRSE	4110	Clinical Judgment VI	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3210 and 3230									
		COURSE DESC:		Focuses on use of information systems and application of patient care technology in support of health care delivery. Topics include law and ethics in use of health care information systems and connections between informatics and evidence-based practice.									
HSP	NRSE	NRSE	4120	Management and Leadership in Nursing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3210 and 3230									
		COURSE DESC:		Focuses on leadership and management in health related organizations. Covers administrative issues in health-related services with an emphasis on developing organizational strategies for effective interaction of nursing, medical, allied health, and administrative staff.									
HSP	NRSE	NRSE	4120	Management and Leadership in Nursing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3210 and 3230									
		COURSE DESC:		Focuses on leadership and management in health related organizations. Covers administrative issues in health-related services with an emphasis on developing organizational strategies for effective interaction of nursing, medical, allied health, and administrative staff.									
HSP	NRSE	NRSE	4140	Nursing Care of Children and Families	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3210 and 3230									
		COURSE DESC:		Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4140	Nursing Care of Children and Families	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230									
				Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.									
HSP	NRSE	NRSE	4150	Nursing Care of Populations: Family and Community	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230									
				Focuses on nursing care of aggregate systems within a community, individual health promotion, and injury and disease prevention across the lifespan. Topics include synthesis of family theory, application to case studies, basic concepts related to community and public health, multidisciplinary approaches to assessment of needs linked to population-focused care, and global health issues. Emphasizes interpersonal skills and team work skills used in collaborative relationships.									
HSP	NRSE	NRSE	4150	Nursing Care of Populations: Family and Community	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230									
				Focuses on nursing care of aggregate systems within a community, individual health promotion, and injury and disease prevention across the lifespan. Topics include synthesis of family theory, application to case studies, basic concepts related to community and public health, multidisciplinary approaches to assessment of needs linked to population-focused care, and global health issues. Emphasizes interpersonal skills and team work skills used in collaborative relationships.									
HSP	NRSE	NRSE	4210	Clinical Judgment VII	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150									
				Focuses on synthesis and evaluation of professional nursing role behaviors essential to care of clients. Topics include care of clients requiring complex care and development of a professional portfolio.									
HSP	NRSE	NRSE	4210	Clinical Judgment VII	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150									
				Focuses on synthesis and evaluation of professional nursing role behaviors essential to care of clients. Topics include care of clients requiring complex care and development of a professional portfolio.									
HSP	NRSE	NRSE	4400	Professional Practice in Nursing	CLN	CL	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150									
				Focuses on care of adult clients with complex alterations in health like cancer, multisystem failure, multiple system trauma, and diabetes. Students work with a preceptor in a specific agency setting. Emphasis is on refinement of clinical judgment, communication skills, and integration of a range of therapeutic interventions into nursing practice including those appropriate to individual clients, their families/significant others, and relevant population-based groups.									
HSP	NRSE	NRSE	4400	Professional Practice in Nursing	LEC	LE	8	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150									
				Focuses on care of adult clients with complex alterations in health like cancer, multisystem failure, multiple system trauma, and diabetes. Students work with a preceptor in a specific agency setting. Emphasis is on refinement of clinical judgment, communication skills, and integration of a range of therapeutic interventions into nursing practice including those appropriate to individual clients, their families/significant others, and relevant population-based groups.									
HSP	NRSE	NRSE	4510	Professional Nursing Practice	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BSN or school nurse major and RN license									
				Focuses on transition from technical to professional nursing. Addresses the scope and standards of professional nursing practice, the theoretical basis of practice, the ethical and legal components of practice, information management and application of patient care technology, and interprofessional communication and collaboration for improving patient health outcomes.									
HSP	NRSE	NRSE	4510	Professional Nursing Practice	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BSN or school nurse major and RN license									
				Focuses on transition from technical to professional nursing. Addresses the scope and standards of professional nursing practice, the theoretical basis of practice, the ethical and legal components of practice, information management and application of patient care technology, and interprofessional communication and collaboration for improving patient health outcomes.									
HSP	NRSE	NRSE	4520	Health Assessment and Promotion	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Reviews and develops skills associated with cephalocaudal assessment, strengthens the registered nurse's ability to draw valid inferences from the data collected, and examines the design of health promotion interventions to address identified health issues.									
HSP	NRSE	NRSE	4520	Health Assessment and Promotion	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Reviews and develops skills associated with cephalocaudal assessment, strengthens the registered nurse's ability to draw valid inferences from the data collected, and examines the design of health promotion interventions to address identified health issues.									
HSP	NRSE	NRSE	4530	Family Nursing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on nursing care of the family system throughout the life cycle. Emphasizes the synthesis of family theory and application of the nursing process for families.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4530	Family Nursing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on nursing care of the family system throughout the life cycle. Emphasizes the synthesis of family theory and application of the nursing process for families.									
HSP	NRSE	NRSE	4540	Community Health Nursing	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on nursing care of aggregate systems within a community. Topics include community health nursing roles and basic concepts of community health. Addresses the implementation of population-focused care through the nursing process, collaboration, and interdisciplinary skills. Includes the importance of health promotion, along with disease and injury prevention, throughout the lifespan and the assistance of individuals, families, groups, communities, and populations to prepare for and minimize health consequences of emergencies, including mass casualty disasters.									
HSP	NRSE	NRSE	4540	Community Health Nursing	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on nursing care of aggregate systems within a community. Topics include community health nursing roles and basic concepts of community health. Addresses the implementation of population-focused care through the nursing process, collaboration, and interdisciplinary skills. Includes the importance of health promotion, along with disease and injury prevention, throughout the lifespan and the assistance of individuals, families, groups, communities, and populations to prepare for and minimize health consequences of emergencies, including mass casualty disasters.									
HSP	NRSE	NRSE	4541	Public Health Nursing Clinical	CLN	CL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		REQUISITE: NRSE 4540 or concurrent									
				Clinical course designed for students completing the RNtoBSN program who live in California in order to meet the more extensive California Board of Nursing clinical clock hour requirements. Focuses on nursing care of aggregate systems within a community, public health nursing roles and basic concepts of public health. Addresses the implementation of population-focused care through the nursing process, collaboration, and interdisciplinary skills. Includes the clinical importance of health promotion, along with disease and injury prevention, throughout the lifespan and the assistance of individuals, families, groups, communities, and populations to prepare for and minimize health consequences of emergencies, including mass casualty disasters.									
HSP	NRSE	NRSE	4550	Evidence-Based Nursing Practice	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent and (MATH 2500 or PSY 1110 or 2110 or QBA 2010)									
				Focuses on professional nursing practice that is grounded in the translation of current evidence into practice. Includes components of evidence-based practice, including collaboration with the client, integration of concepts of qualitative and quantitative research and evaluation of findings. Explores the critique of published research and moving research to practice.									
HSP	NRSE	NRSE	4550	Evidence-Based Nursing Practice	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent and (MATH 2500 or PSY 1110 or 2110 or QBA 2010)									
				Focuses on professional nursing practice that is grounded in the translation of current evidence into practice. Includes components of evidence-based practice, including collaboration with the client, integration of concepts of qualitative and quantitative research and evaluation of findings. Explores the critique of published research and moving research to practice.									
HSP	NRSE	NRSE	4560	Gerontologic Nursing Care	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on the role of professional nurses in assisting elders to maintain wellness and minimize effects of chronic conditions. Addresses the physiological, psychological, social, and spiritual needs of the elderly and appropriate nursing interventions.									
HSP	NRSE	NRSE	4560	Gerontologic Nursing Care	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on the role of professional nurses in assisting elders to maintain wellness and minimize effects of chronic conditions. Addresses the physiological, psychological, social, and spiritual needs of the elderly and appropriate nursing interventions.									
HSP	NRSE	NRSE	4570	Diversity	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Explores cultural heritage of diverse populations and relationship to the provision of culturally sensitive nursing care. Examines concepts to broaden perception and understanding of health and illness and the variety of meanings these terms carry for members of differing sociocultural populations.									
HSP	NRSE	NRSE	4570	Diversity	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Explores cultural heritage of diverse populations and relationship to the provision of culturally sensitive nursing care. Examines concepts to broaden perception and understanding of health and illness and the variety of meanings these terms carry for members of differing sociocultural populations.									
HSP	NRSE	NRSE	4580	Leadership in Nursing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent									
				Focuses on nursing leadership including developing and refining knowledge, skills, and attitudes in working within organizational and community arenas. Also focuses on the actual provision of care and/or supervising care provided by other licensed and non-licensed assistive personnel. Examines nursing leadership and management through use of a systems approach with a focus on quality and safety of client care. Discusses leadership models, behavior, and strategic planning at various organizational levels.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4580	Leadership in Nursing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing leadership including developing and refining knowledge, skills, and attitudes in working within organizational and community arenas. Also focuses on the actual provision of care and/or supervising care provided by other licensed and non-licensed assistive personnel. Examines nursing leadership and management through use of a systems approach with a focus on quality and safety of client care. Discusses leadership models, behavior, and strategic planning at various organizational levels.									
HSP	NRSE	NRSE	4600	Nursing Excellence	LAB	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and Sr only A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	NRSE	4600	Nursing Excellence	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and Sr only A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	NRSE	4600	Nursing Excellence	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and Sr only A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	NRSE	4600	Nursing Excellence	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and Sr only A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	NRSE	4710	Introduction to School Nursing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 and 4530 and 4540 and licensed to practice as a registered nurse Focuses on an historical overview of school nursing in the United States and the current responsibilities of school nurses in implementing a school health program.									
HSP	NRSE	NRSE	4710	Introduction to School Nursing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 and 4530 and 4540 and licensed to practice as a registered nurse Focuses on an historical overview of school nursing in the United States and the current responsibilities of school nurses in implementing a school health program.									
HSP	NRSE	NRSE	4740	School Nurse Capstone	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: NRSE 4710 and Licensed RN and malpractice insurance CR, PR This course emphasizes the role and responsibilities of the school nurse caring for children between the ages of 3 and 18 years. The student works with a preceptor who is a certified/licensed school nurse (120 hours). Emphasis is on student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development.									
HSP	NRSE	NRSE	4741	Caring for Children with Special Needs in the School Setting	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NRSE 4710 and Licensed RN and malpractice insurance This course prepares the nurse to care for children with special cognitive, physical, and psycho-social needs. Emphasis is placed on collaboration with an interdisciplinary team and legal aspects related to supervision and delegation of care. Cultural, ethical, and economic issues are addressed. Support services and resources available to the school community are assessed.									
HSP	NRSE	NRSE	4900	Special Topics in Nursing	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4900	Special Topics in Nursing ELIGIBLE GRADES: GEC3: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
HSP	NRSE	NRSE	4901	Clinical Issues: Human Sexuality ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the registered nurse with the opportunity to review literature related to issues of human sexuality associated with specific disease states as encountered in the practice of nursing. Students will choose a specific population (e.g. school-aged children) or a specific disease category (e.g. cardiovascular disease) as their focus of study.	SEM	EL	1 to 4	0		N	U30		0
HSP	NRSE	NRSE	4901	Clinical Issues: Human Sexuality ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the registered nurse with the opportunity to review literature related to issues of human sexuality associated with specific disease states as encountered in the practice of nursing. Students will choose a specific population (e.g. school-aged children) or a specific disease category (e.g. cardiovascular disease) as their focus of study.	SEM	SE	1 to 4	0		N	U30		0
HSP	NRSE	NRSE	6010	Theoretical Basis of Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines social, political, and historical factors that impact the delivery of health care and the development of the nursing discipline. Emphasizes the review and application of selected concepts, models, and selected theories relevant to the health care system and nursing.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6010	Theoretical Basis of Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines social, political, and historical factors that impact the delivery of health care and the development of the nursing discipline. Emphasizes the review and application of selected concepts, models, and selected theories relevant to the health care system and nursing.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6020	Theories in Family Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on analysis of theories relevant to the development and functioning of the family. Includes identification of health care needs across family life span. Emphasizes assessment, intervention, and evaluation of family-focused care. Explores strategies to enhance, maintain, and restore family health.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6020	Theories in Family Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on analysis of theories relevant to the development and functioning of the family. Includes identification of health care needs across family life span. Emphasizes assessment, intervention, and evaluation of family-focused care. Explores strategies to enhance, maintain, and restore family health.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6021	Assessment and Intervention for Families ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on analysis of theories relevant to the development and functioning of the family. The course includes identification of health care needs across the life span of family members. Emphasis will be placed on assessment, intervention, and evaluation of family-centered care through exploration of evidence-based strategies to enhance, maintain, and restore family health.	LEC	EL	3	0		N	G40		0
HSP	NRSE	NRSE	6021	Assessment and Intervention for Families ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on analysis of theories relevant to the development and functioning of the family. The course includes identification of health care needs across the life span of family members. Emphasis will be placed on assessment, intervention, and evaluation of family-centered care through exploration of evidence-based strategies to enhance, maintain, and restore family health.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6110	Research and Evaluation in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on research design and methodology with an emphasis on evaluation of published clinical outcome studies in nursing. Utilizes strategies for application of research findings to practice. Introduces nursing information management, cognitive science, and technology in health care delivery.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6110	Research and Evaluation in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on research design and methodology with an emphasis on evaluation of published clinical outcome studies in nursing. Utilizes strategies for application of research findings to practice. Introduces nursing information management, cognitive science, and technology in health care delivery.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6120	Evidence-Based Practice in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on evidence-based practice and the translation of evidence into practice. Content prepares professional nurses to initiate evidence-based practice models in their practice and to increase use of information management and patient care technologies in specified clinical areas.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6120	Evidence-Based Practice in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on evidence-based practice and the translation of evidence into practice. Content prepares professional nurses to initiate evidence-based practice models in their practice and to increase use of information management and patient care technologies in specified clinical areas.	LEC	LE	3	6		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6210	Advanced Pathophysiology in Nursing Practice	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: (NRSE 6010 or 6411 or 7802) or concurrent									
				COURSE DESC: Focuses on analysis of concepts of physiology and pathophysiology and relationship to nursing interventions across lifespan of humans at the advanced practice level.									
HSP	NRSE	NRSE	6212	Project Planning and Evaluation for Advanced Nursing Practice	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Focuses on project planning, implementation and evaluation in a healthcare setting. Includes analysis of processes required to manage and develop a project team from a nursing administrative perspective. Examines outcome metrics related to project value and dissemination. This course includes integrative immersion experiences outside of class time related to project planning in the healthcare setting.									
HSP	NRSE	NRSE	6212	Project Planning and Evaluation for Advanced Nursing Practice	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Focuses on project planning, implementation and evaluation in a healthcare setting. Includes analysis of processes required to manage and develop a project team from a nursing administrative perspective. Examines outcome metrics related to project value and dissemination. This course includes integrative immersion experiences outside of class time related to project planning in the healthcare setting.									
HSP	NRSE	NRSE	6220	Advanced Health Appraisal	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: (NRSE 6010 or 6411 or 7802) and 6210									
				COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and administrator options. The data will be used to document assessment findings and to differentiate between normal and abnormal assessment data. Emphasizes the performance of complete health histories and physical examinations on adult and pediatric clients.									
HSP	NRSE	NRSE	6220	Advanced Health Appraisal	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: (NRSE 6010 or 6411 or 7802) and 6210									
				COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and administrator options. The data will be used to document assessment findings and to differentiate between normal and abnormal assessment data. Emphasizes the performance of complete health histories and physical examinations on adult and pediatric clients.									
HSP	NRSE	NRSE	6221	Health Appraisal for Nurse Practitioners	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6010 and 6210 and (6020 or 6110)									
				COURSE DESC: Focuses on advanced physical assessment skills for nurse practitioner students that moves from the normal to the abnormal and uses a body systems approach. Comprehensive health history coupled with physical examination skills provide a foundation for the indepth assessment of clients.									
HSP	NRSE	NRSE	6221	Health Appraisal for Nurse Practitioners	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6010 and 6210 and (6020 or 6110)									
				COURSE DESC: Focuses on advanced physical assessment skills for nurse practitioner students that moves from the normal to the abnormal and uses a body systems approach. Comprehensive health history coupled with physical examination skills provide a foundation for the indepth assessment of clients.									
HSP	NRSE	NRSE	6230	Advanced Pharmacology	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6010 and 6210 and 6221									
				COURSE DESC: Focuses on pharmacotherapeutics across the lifespan with emphasis on clinical decision making by advanced practice nurses. Laws governing prescriptive authority and privileges of advanced practice nurses are addressed.									
HSP	NRSE	NRSE	6231	Applied Clinical Pharmacology for the AGACNP	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6230									
				COURSE DESC: The focus of this course is on clinical application to pharmacologic agents used in treatment of common acute care diseases, disorders, and conditions in adults and older adults. Indications, mechanisms of action, drug interactions, side effects, client education, and provider implications are emphasized.									
HSP	NRSE	NRSE	6232	Advanced Diagnostics and Procedures for Clinical Decision-Making	LAB	LB	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6221									
				COURSE DESC: The focus of this course is on theoretical knowledge foundation and psychomotor skill development necessary to provide selected common diagnostic and procedure modalities for adults and older adults in acute care settings.									
HSP	NRSE	NRSE	6232	Advanced Diagnostics and Procedures for Clinical Decision-Making	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6221									
				COURSE DESC: The focus of this course is on theoretical knowledge foundation and psychomotor skill development necessary to provide selected common diagnostic and procedure modalities for adults and older adults in acute care settings.									
HSP	NRSE	NRSE	6300	Acute Care Nurse Practitioner	LEC	EL	3	6		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: NRSE 6221 and 6230									
				COURSE DESC: Introduces the concepts relevant to the acutely/critically ill adult client at the level of the acute care nurse practitioner. Addresses nurse practitioner/patient relationship, clinical management, health care delivery, and professional responsibility.									

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COURSE LISTING
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HSP	NRSE	NRSE	6300	Acute Care Nurse Practitioner ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the concepts relevant to the acutely/critically ill adult client at the level of the acute care nurse practitioner. Addresses nurse practitioner/patient relationship, clinical management, health care delivery, and professional responsibility.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6400	Family Assessment and Intervention ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on review and development of tools used in assessing the family system and its impact on individual members. Design of family-based interventions is emphasized.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6400	Family Assessment and Intervention ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on review and development of tools used in assessing the family system and its impact on individual members. Design of family-based interventions is emphasized.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6411	Neurobiological and Theoretical Bases for Psychiatric Mental Health in Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course examines the neurobiological and theoretical bases as they apply to advanced nursing practice in psychiatric mental health throughout the life span. This course builds on the fundamental knowledge of anatomy, physiology, pathophysiology, and psychology. The material presented in this course reflects the current knowledge of neurobiology and the theoretical bases for the clinical manifestations of psychiatric mental health disorders throughout the lifespan.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6412	Psychotherapeutic Treatment Modalities for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course presents the nonpharmacological treatment modalities for psychiatric mental health disorders throughout the lifespan. A variety of conceptual models and treatment modalities are introduced to the student. Evidence based therapy models for groups, families and individuals are emphasized.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6413	Assessment & Management of Mental Health Disorders for Advanced Nursing Practice I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This is the first of two courses encompassing advanced health assessment techniques for diagnosis and management of mental health disorders throughout the lifespan. Included is development of differential diagnosis, planning, and evaluation of care using psychotherapeutic modalities, psychopharmacology, and community resources. Addresses the influence of family dynamics as well as societal influences on mental health and recovery. The concepts of both acute and chronic treatment as they apply to disorders of mood, neurodevelopment, sleep, anxiety, and other select disorders are discussed.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6414	Assessment and Management of Mental Health Disorders for Advanced Nursing Practice II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This is the second of two courses encompassing advanced assessment techniques for the diagnosis and management of psychiatric mental health disorders throughout the lifespan. Included is the development of differential diagnoses, planning, and evaluation of care using psychotherapeutic modalities, psychopharmacology, and community resources. Addresses the influences of family dynamics as well as societal influences on mental health and recovery. The concepts of both acute and chronic treatments for personality disorders, substance abuse, schizophrenia, medical issues with mental health, and other select disorders as they apply to advanced practice nursing are discussed.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6610	Curriculum Development in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on theory and strategies of curriculum design. Emphasizes application of principles to the design of an educational curriculum.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6620	Teaching Strategies in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on philosophical and practical issues for delivering educational content in service, clinical, or classroom settings. Emphasizes knowledge and skills to prepare educators for nursing schools, professional continuing education programs, staff development and design of patient education materials.	LEC	EL	3	0		N	G40		0
HSP	NRSE	NRSE	6620	Teaching Strategies in Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on philosophical and practical issues for delivering educational content in service, clinical, or classroom settings. Emphasizes knowledge and skills to prepare educators for nursing schools, professional continuing education programs, staff development and design of patient education materials.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6630	Academic Nursing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on enhancing understanding of the academic faculty role with an emphasis on program evaluation responsibilities.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6710	Nursing Administration ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Addresses roles and responsibilities of the nurse administrator. Provides the opportunity to analyze critical attributes, knowledge, and skills required in the administration of health care settings.	LEC	EL	3	6		N	G40		0

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HSP	NRSE	NRSE	6710	Nursing Administration ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Addresses roles and responsibilities of the nurse administrator. Provides the opportunity to analyze critical attributes, knowledge, and skills required in the administration of health care settings.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6720	FNP Practicum for Post-Master's Certificate ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the Family Nurse Practitioner (FNP) role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.	CLN	CL	5	0		N	G40		0
HSP	NRSE	NRSE	6720	FNP Practicum for Post-Master's Certificate ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the Family Nurse Practitioner (FNP) role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.	SEM	SE	5	0		N	G40		0
HSP	NRSE	NRSE	6801	Leadership in Systems and Organizations for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on transformational leadership, leadership theories and a systems perspective including complexity theory. This course includes analysis of micro and macro systems performance and outcomes in planning a change process with a designated team. The course also focuses on appraisal of various healthcare delivery models. Legal and ethical concerns related to leadership are examined. The course includes integrative immersion outside class time in leadership and/or organization observations.	SEM	SE	3	0		N	G40		0
HSP	NRSE	NRSE	6803	Health Policy and Advocacy for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course focuses on integration and understanding of healthcare policy and advocacy. An analysis of the process for influencing a health policy agenda is examined. There will be an emphasis on synthesizing professionalism and leadership characteristics necessary to build interprofessional coalitions used for influencing healthcare policies, particularly related to underserved populations. The course includes integrative immersion experiences outside class time related to health policy, lobbying or legislative activities.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	6804	Principles of Business and Resource Management for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course focuses on the principles of business, strategic planning, entrepreneurship and financial implications in advanced nursing practice. An analysis of the impact of value based services, performance outcome measures and budgeting related to healthcare services and access to care will be undertaken. The impact of current national and state legislation, and regulations on advanced nursing practice will be examined.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6805	Analysis of Evidence-based Practice for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course focuses on critical appraisal of research and analysis of literature to inform evidence-based practice. The course examines the use of standardized analysis instruments and diagrams to develop a clinically relevant question. This course includes discussion on how to synthesize evidence-based literature in the development of a capstone scholarly project.	SEM	SE	3	0		N	G40		0
HSP	NRSE	NRSE	6808	Informatics for Advanced Nursing Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course focuses on the impact of informatics used by advanced practice nurses to promote quality healthcare. The course includes utilization of databases and electronic health records for planning quality improvement projects by advanced practice nurses. An emphasis includes use of informatics for consumers including telehealth. An analysis of the ethical and legal implications of the use of informatics, technology and social media is included.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	6820	Advanced Maternal & Child Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, intervention and evaluation related to the physiological and psycho-social health, development and well-being of children, adolescents and reproductive age women.	CLN	CL	6	0		N	G40		0
HSP	NRSE	NRSE	6820	Advanced Maternal & Child Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, intervention and evaluation related to the physiological and psycho-social health, development and well-being of children, adolescents and reproductive age women.	LEC	EL	6	0		N	G40		0
HSP	NRSE	NRSE	6820	Advanced Maternal & Child Care ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, intervention and evaluation related to the physiological and psycho-social health, development and well-being of children, adolescents and reproductive age women.	LEC	LE	6	0		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6821	Primary Care of Adults and Older Adults ELIGIBLE GRADES: COURSE DESC:	CLN	CL	8	16		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6820 This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	NRSE	6821	Primary Care of Adults and Older Adults ELIGIBLE GRADES: COURSE DESC:	LEC	EL	8	16		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6820 This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	NRSE	6821	Primary Care of Adults and Older Adults ELIGIBLE GRADES: COURSE DESC:	LEC	LE	8	16		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6820 This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	NRSE	6822	Family Nurse Practitioner in Primary Care Practice ELIGIBLE GRADES: COURSE DESC:	CLN	CL	7	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6821 This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6822	Family Nurse Practitioner in Primary Care Practice ELIGIBLE GRADES: COURSE DESC:	SEM	SE	7	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6821 This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6823	Psychiatric Mental Health Practicum for Advanced Nursing Practice I ELIGIBLE GRADES: COURSE DESC:	PRA	PR	2	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6412 This is the first of three practicum courses for the psychiatric mental health nurse practitioner student. The focus is on the application of the various psychotherapeutic modalities employed by advanced nursing practice throughout the lifespan. Covers cognitive behavior therapy, dialectical behavior therapy, motivational interviewing, group, and individual therapy methods. Includes experience in relationship building with patients, and working with other professionals.									
HSP	NRSE	NRSE	6824	Psychiatric Mental Health Practicum for Advanced Nursing Practice II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6413 and 6414 and 6823 This is the second of three practicum courses for the psychiatric mental health nurse practitioner. The focus is on the assessment, diagnosis and evidence based therapeutic interventions for mental health disorders throughout the lifespan. This course includes planning, implementing, and evaluating interventions with individuals, groups, and families throughout the lifespan. Students gain experience in the application of psychotherapeutic modalities and psychopharmacological treatments in both inpatient and community settings.									
HSP	NRSE	NRSE	6825	Psychiatric Mental Health Practicum for Advanced Nursing Practice III ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	6		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6824 This is the third of three practicum courses for the psychiatric mental health nurse practitioner student. The focus continues to be on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. The student continues to plan, implement, evaluate, and revise interventions with individuals, groups, and families throughout the lifespan with emphasis on clinical competencies for the entry level psychiatric mental health nurse practitioner.									
HSP	NRSE	NRSE	6826	AGACNP Management of Common Adult Health Problems I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	7	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6221 The focus is on complex symptom management related to acute and emergent physiological alterations in gastrointestinal, genitourinary, endocrine, cardiopulmonary, neurological function and other select common and complex health problems for adults and older adults in acute care settings. Health promotion, maintenance and restoration are emphasized through risk assessment and prevention. Advanced role development and collaboration are incorporated.									
HSP	NRSE	NRSE	6826	AGACNP Management of Common Adult Health Problems I ELIGIBLE GRADES: COURSE DESC:	PRA	PR	7	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6221 The focus is on complex symptom management related to acute and emergent physiological alterations in gastrointestinal, genitourinary, endocrine, cardiopulmonary, neurological function and other select common and complex health problems for adults and older adults in acute care settings. Health promotion, maintenance and restoration are emphasized through risk assessment and prevention. Advanced role development and collaboration are incorporated.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6827	AGACNP Management of Common Adult Health Problems II GEC1: A-F REQUISITE: NRSE 6826 The focus is on complex symptom management related to acute and emergent physiological alterations in hematological, immunological, musculoskeletal, integumentary function and other select common and complex health problems for adults and older adults in acute care settings. Health promotion, maintenance and restoration are emphasized through risk assessment and prevention. Advanced role development and collaboration are incorporated.	LEC	LE	7	0		N	G40		0
HSP	NRSE	NRSE	6827	AGACNP Management of Common Adult Health Problems II GEC1: A-F REQUISITE: NRSE 6826 The focus is on complex symptom management related to acute and emergent physiological alterations in hematological, immunological, musculoskeletal, integumentary function and other select common and complex health problems for adults and older adults in acute care settings. Health promotion, maintenance and restoration are emphasized through risk assessment and prevention. Advanced role development and collaboration are incorporated.	PRA	PR	7	0		N	G40		0
HSP	NRSE	NRSE	6828	AGACNP in Practice GEC1: A-F REQUISITE: NRSE 6827 The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP). Experiences emphasize clinical decision-making in an inter-professional environment with focus on the AGACNP as a principal provider of care for adults and older adults in acute care settings. Select common and complex health problems in adults and older adults in acute care settings are emphasized.	LEC	LE	8	0		N	G40		0
HSP	NRSE	NRSE	6828	AGACNP in Practice GEC1: A-F REQUISITE: NRSE 6827 The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP). Experiences emphasize clinical decision-making in an inter-professional environment with focus on the AGACNP as a principal provider of care for adults and older adults in acute care settings. Select common and complex health problems in adults and older adults in acute care settings are emphasized.	PRA	PR	8	0		N	G40		0
HSP	NRSE	NRSE	6829	Practicum for Nurse Leaders GEC5: CR, REQUISITE: NRSE 6803, 6804, 6808, 6801 PR, F Provides an opportunity to synthesize knowledge and role behaviors in an advanced practice role within the Nursing Leadership track. Students practice under the supervision of faculty with agency preceptors in an appropriate facility or institution. With faculty guidance, as students develop a practicum plan based on course objectives to include specific behavioral objectives, learning activities, and evaluation methods.	PRA	PR	6	0		N	G40		0
HSP	NRSE	NRSE	6900	Special Topics in Nursing GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
HSP	NRSE	NRSE	6900	Special Topics in Nursing GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
HSP	NRSE	NRSE	6920	Nursing Care of Women GEC1: A-F REQUISITE: NRSE 6221 and 6230 and 6400 Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6920	Nursing Care of Women GEC1: A-F REQUISITE: NRSE 6221 and 6230 and 6400 Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6920	Nursing Care of Women GEC1: A-F REQUISITE: NRSE 6221 and 6230 and 6400 Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.	PRA	PR	3	6		N	G40		0
HSP	NRSE	NRSE	6921	Primary Care of Adults GEC1: A-F REQUISITE: NRSE 6920 and 6230 and permission required Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.	LEC	EL	3	6		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6921	Primary Care of Adults ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	6		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6920 and 6230 and permission required Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.									
HSP	NRSE	NRSE	6921	Primary Care of Adults ELIGIBLE GRADES: COURSE DESC:	PRA	PR	3	6		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6920 and 6230 and permission required Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.									
HSP	NRSE	NRSE	6922	Nursing Care of Children ELIGIBLE GRADES: COURSE DESC:	CLN	CL	3	6		I	G40		0
				GEC1: A-F REQUISITE: NRSE 6921 and permission required Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6922	Nursing Care of Children ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	6		I	G40		0
				GEC1: A-F REQUISITE: NRSE 6921 and permission required Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6922	Nursing Care of Children ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	6		I	G40		0
				GEC1: A-F REQUISITE: NRSE 6921 and permission required Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6923	Family Nurse Practitioner in Practice ELIGIBLE GRADES: COURSE DESC:	CLN	CL	4	8		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission Focuses on application of advanced nursing assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasizes achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6923	Family Nurse Practitioner in Practice ELIGIBLE GRADES: COURSE DESC:	LEC	EL	4	8		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission Focuses on application of advanced nursing assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasizes achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6923	Family Nurse Practitioner in Practice ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	8		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission Focuses on application of advanced nursing assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasizes achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6924	Complex Adult Health Problems I ELIGIBLE GRADES: COURSE DESC:	CLN	CL	3	6		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6221 and 6230 Focuses on advanced nursing practice management of complex adult health including wellness promotion and illness prevention and treatment in adults (18+ years of age) from diverse backgrounds at the nurse practitioner level. Emphasizes utilization of theory, critical thinking, and evidence-based practice to formulate differential diagnoses, clinical impressions, diagnoses, treatment, and evaluation plans for adults in outpatient settings or in acute care settings with multisystem complex illnesses.									
HSP	NRSE	NRSE	6924	Complex Adult Health Problems I ELIGIBLE GRADES: COURSE DESC:	SEM	SE	3	6		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6221 and 6230 Focuses on advanced nursing practice management of complex adult health including wellness promotion and illness prevention and treatment in adults (18+ years of age) from diverse backgrounds at the nurse practitioner level. Emphasizes utilization of theory, critical thinking, and evidence-based practice to formulate differential diagnoses, clinical impressions, diagnoses, treatment, and evaluation plans for adults in outpatient settings or in acute care settings with multisystem complex illnesses.									
HSP	NRSE	NRSE	6925	Complex Adult Health Problems II ELIGIBLE GRADES: COURSE DESC:	CLN	CL	3	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6924 Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.									
HSP	NRSE	NRSE	6925	Complex Adult Health Problems II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G40		0
				GEC1: A-F REQUISITE: NRSE 6924 Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6925	Complex Adult Health Problems II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6926	Critical Care Concepts and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.	CLN	CL	3	6		N	G40		0
HSP	NRSE	NRSE	6926	Critical Care Concepts and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6926	Critical Care Concepts and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6927	Acute Care Nurse Practitioner and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.	CLN	CL	4	8		N	G40		0
HSP	NRSE	NRSE	6927	Acute Care Nurse Practitioner and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.	LEC	EL	4	8		N	G40		0
HSP	NRSE	NRSE	6927	Acute Care Nurse Practitioner and Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.	LEC	LE	4	8		N	G40		0
HSP	NRSE	NRSE	6928	Nursing Educator Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on faculty and preceptor guided experiences in curriculum development, teaching, and program evaluation in an educational setting.	PRA	PR	4	8		N	G40		0
HSP	NRSE	NRSE	6929	Nursing Administration Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.	LEC	EL	4	8		N	G40		0
HSP	NRSE	NRSE	6929	Nursing Administration Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.	LEC	LE	4	8		N	G40		0
HSP	NRSE	NRSE	6929	Nursing Administration Practicum ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.	PRA	PR	4	8		N	G40		0
HSP	NRSE	NRSE	6930	Independent Study ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: Allows students to pursue topics of professional interest that are in addition to the content presented in the required courses in the master's program. Students work with an adviser to develop the topic and negotiate the products to be completed.	IND	EL	1 to 5	5		I	G40		0
HSP	NRSE	NRSE	6930	Independent Study ELIGIBLE GRADES: GEC4: A-F, COURSE DESC: Allows students to pursue topics of professional interest that are in addition to the content presented in the required courses in the master's program. Students work with an adviser to develop the topic and negotiate the products to be completed.	IND	IS	1 to 5	5		I	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6931	Capstone Seminar	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: NRSE 6010 and (NRSE 6923 or 6928 or 6929) or concurrent PR, F									
		COURSE DESC:		This course emphasizes synthesis of the American Association of Colleges of Nursing (AACN) Essentials of Master's Education. The Commission on Collegiate Nursing Education (CCNE), the Master of Science in Nursing (MSN) program accrediting body, mandates that these Essentials are incorporated into all MSN programs. These Essentials represent the core competencies for preparation for movement of students into advanced nursing practice regardless of specific practice setting. Students will engage in focused self-reflection on achievement of these competencies and a comprehensive final program exam.									
HSP	NRSE	NRSE	6931	Capstone Seminar	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: NRSE 6010 and (NRSE 6923 or 6928 or 6929) or concurrent PR, F									
		COURSE DESC:		This course emphasizes synthesis of the American Association of Colleges of Nursing (AACN) Essentials of Master's Education. The Commission on Collegiate Nursing Education (CCNE), the Master of Science in Nursing (MSN) program accrediting body, mandates that these Essentials are incorporated into all MSN programs. These Essentials represent the core competencies for preparation for movement of students into advanced nursing practice regardless of specific practice setting. Students will engage in focused self-reflection on achievement of these competencies and a comprehensive final program exam.									
HSP	NRSE	NRSE	6932	Capstone Project	TUT	EL	1 to 8	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Provides the opportunity to synthesize the information gained throughout the MSN program to develop a product that enhances the quality of the discipline and/or the quality of health care associated with a specific health issue. The student works with an advisor to complete the capstone project.									
HSP	NRSE	NRSE	6932	Capstone Project	TUT	TU	1 to 8	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Provides the opportunity to synthesize the information gained throughout the MSN program to develop a product that enhances the quality of the discipline and/or the quality of health care associated with a specific health issue. The student works with an advisor to complete the capstone project.									
HSP	NRSE	NRSE	6933	Capstone Experience for Nurse Practitioners	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6822 or concurrent PR									
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Nurse Practitioner students also complete a comprehensive final program exam that includes concepts from all program courses pertaining to the population foci of the student NP Track Option and is based on national certification body domains of practice. Students complete an integrated care simulation exam with a standardized patient.									
HSP	NRSE	NRSE	6933	Capstone Experience for Nurse Practitioners	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6822 or concurrent PR									
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Nurse Practitioner students also complete a comprehensive final program exam that includes concepts from all program courses pertaining to the population foci of the student NP Track Option and is based on national certification body domains of practice. Students complete an integrated care simulation exam with a standardized patient.									
HSP	NRSE	NRSE	6934	Capstone Experience for Nurse Educators	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6928 or concurrent PR									
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Students also complete a comprehensive exam that includes concepts from all program courses and is based on national certification body competencies. Students develop and deliver a nursing education presentation to peers and faculty.									
HSP	NRSE	NRSE	6934	Capstone Experience for Nurse Educators	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6928 or concurrent PR									
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Students also complete a comprehensive exam that includes concepts from all program courses and is based on national certification body competencies. Students develop and deliver a nursing education presentation to peers and faculty.									
HSP	NRSE	NRSE	6935	Capstone Experience for Nurse Leaders	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6929 or concurrent and Nursing Leadership majors only PR									
		COURSE DESC:		This course emphasizes evaluation of specific program outcomes and professional competencies through portfolio development, a comprehensive final program exam that includes concepts from all program courses based on national certification body domains of practice, and presentation of a final integrated project.									

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HSP	NRSE	NRSE	7801	Leadership in Systems and Organizations for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	SE	3	0		N	G40		0
				This course focuses on tranformational leadership, leadership theories and a systems perspective including complexity theory. This course includes analysis of micro and macro systems performance and outcomes in planning a change process with a designated team. The course also focuses on appraisal of various healthcare delivery models. Legal and ethical concerns related to leadership are examined. The course includes integrative immersion outside class time in leadership and/or organization observations.									
HSP	NRSE	NRSE	7802	Interprofessional Theories for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	LEC	EL	3	0		N	G40		0
				Admission to the DNP program The course focuses on science and theory as a foundation for integrative advanced clinical nursing practice. It Includes an analysis of theories of nursing and healthcare including grand theories and conceptual frameworks. An emphasis is placed on the application of mid-range theory to the scholarly projects.									
HSP	NRSE	NRSE	7802	Interprofessional Theories for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Admission to the DNP program The course focuses on science and theory as a foundation for integrative advanced clinical nursing practice. It Includes an analysis of theories of nursing and healthcare including grand theories and conceptual frameworks. An emphasis is placed on the application of mid-range theory to the scholarly projects.									
HSP	NRSE	NRSE	7803	Health Policy and Advocacy for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	SE	2	0		N	G40		0
				Admission to the DNP program This course focuses on integration and understanding of healthcare policy and advocacy. An analysis of the process for influencing a health policy agenda is examined. There will be an emphasis on synthesizing professionalism and leadership characteristics necessary to build interprofessional coalitions used for influencing healthcare policies, particularly related to underserved populations. The course includes integrative immersion experiences outside class time related to health policy, lobbying or legislative activities.									
HSP	NRSE	NRSE	7804	Principles of Business and Resource Management for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				NRSE 7803 The course focuses on the principles of business, strategic planning, entrepreneurship and financial implications in advanced nursing practice. An analysis of the impact of value based services, performance outcome measures and budgeting related to healthcare services and access to care will be undertaken. The impact of current national and state legislation, and regulations on advanced nursing practice will be examined.									
HSP	NRSE	NRSE	7805	Analysis of Evidence-Based Practice for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	EL	3	0		N	G40		0
				Admission to the DNP program The course focuses on critical appraisal of research and analysis of literature to inform evidence-based practice. The course examines the use of standardized analysis instruments and diagrams to develop a clinically relevant question. This course will include discussion on how to synthesize evidence-based literature in the development of a capstone scholarly project.									
HSP	NRSE	NRSE	7805	Analysis of Evidence-Based Practice for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	SE	3	0		N	G40		0
				Admission to the DNP program The course focuses on critical appraisal of research and analysis of literature to inform evidence-based practice. The course examines the use of standardized analysis instruments and diagrams to develop a clinically relevant question. This course will include discussion on how to synthesize evidence-based literature in the development of a capstone scholarly project.									
HSP	NRSE	NRSE	7806	Promotionof Quality Healthcare through Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	EL	3	0		N	G40		0
				NRSE 7801 and 7802 and (7805 concurrent) The course focuses on analysis of outcomes and how the analysis informs project design and implementation. An emphasis is placed on creating an understanding of outcomes on patient care quality and safety. The course includes an analysis of a quality improvement needs assessment related to a healthcare concern. The importance of integrating quality measures will be discussed. The course includes integrative immersion experiences outside of class time related to quality improvement evaluation and needs assessments in the healthcare setting.									
HSP	NRSE	NRSE	7806	Promotionof Quality Healthcare through Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC:	SEM	SE	3	0		N	G40		0
				NRSE 7801 and 7802 and (7805 concurrent) The course focuses on analysis of outcomes and how the analysis informs project design and implementation. An emphasis is placed on creating an understanding of outcomes on patient care quality and safety. The course includes an analysis of a quality improvement needs assessment related to a healthcare concern. The importance of integrating quality measures will be discussed. The course includes integrative immersion experiences outside of class time related to quality improvement evaluation and needs assessments in the healthcare setting.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	7807	Application of Evidence-Based Practice for Advanced Nursing Practice GEC1: A-F REQUISITE: NRSE 7805 and 7806 ELIGIBLE GRADES: COURSE DESC: The course focuses on integration of evidence-based practice and quality improvement indicators in a microsystem to develop a strategic plan used to improve healthcare for individuals, groups or populations. An emphasis is placed on development of data collection and analysis techniques for evaluation of a change project. An analysis of the relationship of evidence-based practice and data will occur. Students will continue project development by adding the data analysis and methods components to the scholarly project plan.	SEM	EL	3	0		N	G40		0
HSP	NRSE	NRSE	7807	Application of Evidence-Based Practice for Advanced Nursing Practice GEC1: A-F REQUISITE: NRSE 7805 and 7806 ELIGIBLE GRADES: COURSE DESC: The course focuses on integration of evidence-based practice and quality improvement indicators in a microsystem to develop a strategic plan used to improve healthcare for individuals, groups or populations. An emphasis is placed on development of data collection and analysis techniques for evaluation of a change project. An analysis of the relationship of evidence-based practice and data will occur. Students will continue project development by adding the data analysis and methods components to the scholarly project plan.	SEM	SE	3	0		N	G40		0
HSP	NRSE	NRSE	7808	Informatics for Advanced Nursing Practice GEC1: A-F REQUISITE: NRSE 7808 ELIGIBLE GRADES: COURSE DESC: The course focuses on the impact of informatics used by advanced practice nurses to promote quality healthcare. The course includes utilization of databases and electronic health records for planning quality improvement projects by advanced practice nurses. An emphasis includes use of informatics for consumers including telehealth. An analysis of the ethical and legal implications of the use of informatics, technology and social media is included.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	7809	Epidemiology and Population Health for Advanced Nursing Practice GEC1: A-F REQUISITE: COURSE DESC: This course examines the importance of epidemiology in screening and prevention of disease as related to advanced nursing practice. The course includes an analysis of epidemiological data to develop strategies related to culturally appropriate community and population health promotion. A focus is placed on ethical issues related to epidemiology and advanced nursing practice.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	8940	DNP Scholarly Project I GEC1: A-F REQUISITE: NRSE 7807 and 7809 ELIGIBLE GRADES: COURSE DESC: The course focuses on the application of knowledge to implement an intervention strategy to improve individual, community or population health in the clinical project setting. An emphasis is placed on the process of scholarly writing through literature synthesis in order to develop the scholarly project proposal. The course includes residency hours outside class time in the clinical project setting.	RSC	RS	3	0		N	G40		0
HSP	NRSE	NRSE	8941	DNP Scholarly Project II GEC1: A-F REQUISITE: NRSE 8940 ELIGIBLE GRADES: COURSE DESC: The course focuses on the scholarly project implementation and evaluation. There is an emphasis on scholarly writing through manuscript preparation and journal submission related to project dissemination. There is an additional focus on professional dissemination of scholarly work in professional venues such as peer reviewed presentations. The course includes residency hours outside class time in the clinical project setting.	RSC	EL	3	0		N	G40		0
HSP	NRSE	NRSE	8941	DNP Scholarly Project II GEC1: A-F REQUISITE: NRSE 8940 ELIGIBLE GRADES: COURSE DESC: The course focuses on the scholarly project implementation and evaluation. There is an emphasis on scholarly writing through manuscript preparation and journal submission related to project dissemination. There is an additional focus on professional dissemination of scholarly work in professional venues such as peer reviewed presentations. The course includes residency hours outside class time in the clinical project setting.	RSC	RS	3	0		N	G40		0
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan GEC1: A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include demonstration as competent in Vital Signs, Cultural Care, Spiritual Care, Client Family Education, and Sensory alterations.	CLN	CL	7	0		N	U20		0
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan GEC1: A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include demonstration as competent in Vital Signs, Cultural Care, Spiritual Care, Client Family Education, and Sensory alterations.	LAB	LB	7	0		N	U20		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to AA2342									
		COURSE DESC:		Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.									
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to AA2342									
		COURSE DESC:		Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.									
HSP	NRSE	NURS	1130	Nursing Pharmacology: ADN	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and BIOS 1300 and CHEM 1210 concurrent									
		COURSE DESC:		Gain knowledge about medication therapy that will assist the nursing student to make sound nursing judgments associated with medication therapy. Basic principles of drug administration using critical thinking, caring behaviors, safety and infection control principles will enable the student to provide effective medication therapy to clients of all ages. Includes the use of specific medication classes and prototypes of the class and the actions of those drugs, their side effects, adverse reactions, and drug interactions.									
HSP	NRSE	NURS	1130	Nursing Pharmacology: ADN	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and BIOS 1300 and CHEM 1210 concurrent									
		COURSE DESC:		Gain knowledge about medication therapy that will assist the nursing student to make sound nursing judgments associated with medication therapy. Basic principles of drug administration using critical thinking, caring behaviors, safety and infection control principles will enable the student to provide effective medication therapy to clients of all ages. Includes the use of specific medication classes and prototypes of the class and the actions of those drugs, their side effects, adverse reactions, and drug interactions.									
HSP	NRSE	NURS	1210	Adult Health I: ADN	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent)									
		COURSE DESC:		The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	NURS	1210	Adult Health I: ADN	LAB	LB	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent)									
		COURSE DESC:		The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	NURS	1210	Adult Health I: ADN	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent)									
		COURSE DESC:		The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	NURS	1210	Adult Health I: ADN	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent)									
		COURSE DESC:		The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	NURS	1220	Mental Health Nursing	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent									
		COURSE DESC:		Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	1220	Mental Health Nursing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent									
				Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									
HSP	NRSE	NURS	1220	Mental Health Nursing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent									
				Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									
HSP	NRSE	NURS	2002	Introduction to Nursing	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The purpose of this course is to provide the student considering nursing as a major with a better understanding of the guiding principles and foundations of nursing practice and to provide a broad overview of the Ohio University Associates Degree Nursing Program. The goal is to provide those students whom are interested in applying to the nursing program with foundational knowledge to succeed in the program.									
HSP	NRSE	NURS	2002	Introduction to Nursing	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				The purpose of this course is to provide the student considering nursing as a major with a better understanding of the guiding principles and foundations of nursing practice and to provide a broad overview of the Ohio University Associates Degree Nursing Program. The goal is to provide those students whom are interested in applying to the nursing program with foundational knowledge to succeed in the program.									
HSP	NRSE	NURS	2003	Medical Terminology	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course is one of a series of elective short courses for nursing students and pre-nursing students. RNs and allied health professionals may enroll. Covers medical terminology for health majors or anyone interested in learning medical terminology. Learn word roots, combining forms used to describe organs and structures, and suffixes and prefixes in medical words. Also learn to analyze medical words in the context of medical reports and apply what is learned.									
HSP	NRSE	NURS	2003	Medical Terminology	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course is one of a series of elective short courses for nursing students and pre-nursing students. RNs and allied health professionals may enroll. Covers medical terminology for health majors or anyone interested in learning medical terminology. Learn word roots, combining forms used to describe organs and structures, and suffixes and prefixes in medical words. Also learn to analyze medical words in the context of medical reports and apply what is learned.									
HSP	NRSE	NURS	2004	Dosage Calculation	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This is an elective short courses for nursing students and pre-nursing students. RNs and allied health professionals may enroll. Provides the nursing and/or pre-nursing student the knowledge and skills required to safely calculate and prepare medications for accurate delivery of medications. Prepares the student to understand and apply formulas, calculations, and distribution for oral, topical, injectable, and intravenous medications with a focus on precision using math skills and safe practice.									
HSP	NRSE	NURS	2004	Dosage Calculation	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This is an elective short courses for nursing students and pre-nursing students. RNs and allied health professionals may enroll. Provides the nursing and/or pre-nursing student the knowledge and skills required to safely calculate and prepare medications for accurate delivery of medications. Prepares the student to understand and apply formulas, calculations, and distribution for oral, topical, injectable, and intravenous medications with a focus on precision using math skills and safe practice.									
HSP	NRSE	NURS	2005	Preparation for NCLEX	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NURS 2220 or concurrent and BSN student and Sr or permission									
				Students will utilize the nursing process and critical thinking skills to review previously learned nursing concepts. Completion of the course will assist students to further prepare for NCLEX examination. The theoretical component of this course will reinforce and complement prior knowledge gained in the nursing curriculum.									
HSP	NRSE	NURS	2005	Preparation for NCLEX	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: NURS 2220 or concurrent and BSN student and Sr or permission									
				Students will utilize the nursing process and critical thinking skills to review previously learned nursing concepts. Completion of the course will assist students to further prepare for NCLEX examination. The theoretical component of this course will reinforce and complement prior knowledge gained in the nursing curriculum.									
HSP	NRSE	NURS	2007	Laboratory and Diagnostic Test Interpretation	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to the nurse's role related to common laboratory test and diagnostic procedures and the disease process. Emphasis is placed upon correlation of laboratory and diagnostic findings for clients across the lifespan.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2007	Laboratory and Diagnostic Test Interpretation	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the nurse's role related to common laboratory test and diagnostic procedures and the disease process. Emphasis is placed upon correlation of laboratory and diagnostic findings for clients across the lifespan.									
HSP	NRSE	NURS	2009	Nursing Review and Remediation	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342 or Admission to BS1221 or permission required						
		COURSE DESC:		Remediates nursing content, concepts, and skills included in the National Council Licensure Examination-Registered Nursing (NCLEX-RN) test plan. Remediation will be individualized utilizing a variety of techniques to enhance student knowledge and prepare students for the NCLEX-RN exam and/or nursing course exams.									
HSP	NRSE	NURS	2009	Nursing Review and Remediation	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342 or Admission to BS1221 or permission required						
		COURSE DESC:		Remediates nursing content, concepts, and skills included in the National Council Licensure Examination-Registered Nursing (NCLEX-RN) test plan. Remediation will be individualized utilizing a variety of techniques to enhance student knowledge and prepare students for the NCLEX-RN exam and/or nursing course exams.									
HSP	NRSE	NURS	2030	Licensed Practical Nurse to Registered Nurse Transition	CLN	CL	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Enable students to refine and update previous learning in addition to identifying goals for successful transition to the registered nursing program. Combined with classroom and nursing laboratory experiences, the student learns through application of concepts. The student will demonstrate the ability to solve problems through the use of the nursing process with a focus on client assessment and communication.									
HSP	NRSE	NURS	2030	Licensed Practical Nurse to Registered Nurse Transition	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Enable students to refine and update previous learning in addition to identifying goals for successful transition to the registered nursing program. Combined with classroom and nursing laboratory experiences, the student learns through application of concepts. The student will demonstrate the ability to solve problems through the use of the nursing process with a focus on client assessment and communication.									
HSP	NRSE	NURS	2030	Licensed Practical Nurse to Registered Nurse Transition	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Enable students to refine and update previous learning in addition to identifying goals for successful transition to the registered nursing program. Combined with classroom and nursing laboratory experiences, the student learns through application of concepts. The student will demonstrate the ability to solve problems through the use of the nursing process with a focus on client assessment and communication.									
HSP	NRSE	NURS	2030	Licensed Practical Nurse to Registered Nurse Transition	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Enable students to refine and update previous learning in addition to identifying goals for successful transition to the registered nursing program. Combined with classroom and nursing laboratory experiences, the student learns through application of concepts. The student will demonstrate the ability to solve problems through the use of the nursing process with a focus on client assessment and communication.									
HSP	NRSE	NURS	2040	Licensed Practical Nurse to Registered Nurse Bridge	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Focuses on nursing care related to acute and chronic alterations in the physiological needs for clients with endocrine, gastrointestinal, hematological concepts and cellular proliferations. Also focuses on oncology, acid base disorders, and fluid and electrolyte disorders. In addition, the integumentary and burn systems will be studied. Focuses on the roles of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a caring and therapeutic relationship between the client, family, and nurse. The nurse will use critical thinking skills to promote, health, mental health and well-being.									
HSP	NRSE	NURS	2040	Licensed Practical Nurse to Registered Nurse Bridge	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Focuses on nursing care related to acute and chronic alterations in the physiological needs for clients with endocrine, gastrointestinal, hematological concepts and cellular proliferations. Also focuses on oncology, acid base disorders, and fluid and electrolyte disorders. In addition, the integumentary and burn systems will be studied. Focuses on the roles of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a caring and therapeutic relationship between the client, family, and nurse. The nurse will use critical thinking skills to promote, health, mental health and well-being.									
HSP	NRSE	NURS	2110	Adult Health II: ADN	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)						
		COURSE DESC:		Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2110	Adult Health II: ADN	LAB	LB	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	NURS	2110	Adult Health II: ADN	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	NURS	2110	Adult Health II: ADN	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	NURS	2120	Maternal and Newborn Nursing	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse to deliver care to the childbearing client and newborn. The student will function as a member within the discipline of nursing, utilizing critical thinking, caring behaviors, and nursing process to optimize the health of clients.									
HSP	NRSE	NURS	2120	Maternal and Newborn Nursing	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse to deliver care to the childbearing client and newborn. The student will function as a member within the discipline of nursing, utilizing critical thinking, caring behaviors, and nursing process to optimize the health of clients.									
HSP	NRSE	NURS	2120	Maternal and Newborn Nursing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse to deliver care to the childbearing client and newborn. The student will function as a member within the discipline of nursing, utilizing critical thinking, caring behaviors, and nursing process to optimize the health of clients.									
HSP	NRSE	NURS	2120	Maternal and Newborn Nursing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse to deliver care to the childbearing client and newborn. The student will function as a member within the discipline of nursing, utilizing critical thinking, caring behaviors, and nursing process to optimize the health of clients.									
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and ENG 1510 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2120 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse as a member within the discipline of nursing, a provider of health care, and a professional who manages care for infants, children, and adolescents with health alterations. Emphasizes establishing a caring relationship between the child, family, and nurse. Utilizes collaboration, communication, and critical thinking within the framework of nursing process to promote health and well-being of pediatric clients. Applies knowledge regarding the influences of culture, family dynamics, resources for children, and case management in the care of children.									
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and ENG 1510 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2120 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse as a member within the discipline of nursing, a provider of health care, and a professional who manages care for infants, children, and adolescents with health alterations. Emphasizes establishing a caring relationship between the child, family, and nurse. Utilizes collaboration, communication, and critical thinking within the framework of nursing process to promote health and well-being of pediatric clients. Applies knowledge regarding the influences of culture, family dynamics, resources for children, and case management in the care of children.									
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and ENG 1510 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2120 and (EDEC 1600 or PSY 2410)) or concurrent)									
				Focuses on the role of the associate degree nurse as a member within the discipline of nursing, a provider of health care, and a professional who manages care for infants, children, and adolescents with health alterations. Emphasizes establishing a caring relationship between the child, family, and nurse. Utilizes collaboration, communication, and critical thinking within the framework of nursing process to promote health and well-being of pediatric clients. Applies knowledge regarding the influences of culture, family dynamics, resources for children, and case management in the care of children.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 1310 and ENG 1510 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2120 and (EDEC 1600 or PSY 2410)) or concurrent)									
		COURSE DESC:		Focuses on the role of the associate degree nurse as a member within the discipline of nursing, a provider of health care, and a professional who manages care for infants, children, and adolescents with health alterations. Emphasizes establishing a caring relationship between the child, family, and nurse. Utilizes collaboration, communication, and critical thinking within the framework of nursing process to promote health and well-being of pediatric clients. Applies knowledge regarding the influences of culture, family dynamics, resources for children, and case management in the care of children.									
HSP	NRSE	NURS	2210	Adult Health III: ADN	CLN	CL	5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)									
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	NURS	2210	Adult Health III: ADN	LEC	EL	5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)									
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	NURS	2210	Adult Health III: ADN	LEC	LE	5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)									
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	NURS	2220	Integrated Nursing Practice	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent)									
		COURSE DESC:		Facilitates the transition to entry level practice. Synthesizes information learned in all previous nursing courses. New topics introduced in this course are multisystem/complex care, collaborative care and coordination of care, disaster planning, time management, and standards of care with an emphasis on delegation and prioritization.									
HSP	NRSE	NURS	2220	Integrated Nursing Practice	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent)									
		COURSE DESC:		Facilitates the transition to entry level practice. Synthesizes information learned in all previous nursing courses. New topics introduced in this course are multisystem/complex care, collaborative care and coordination of care, disaster planning, time management, and standards of care with an emphasis on delegation and prioritization.									
HSP	NRSE	NURS	2220	Integrated Nursing Practice	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent)									
		COURSE DESC:		Facilitates the transition to entry level practice. Synthesizes information learned in all previous nursing courses. New topics introduced in this course are multisystem/complex care, collaborative care and coordination of care, disaster planning, time management, and standards of care with an emphasis on delegation and prioritization.									
HSP	NRSE	NURS	2900	Special Topics in Nursing	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
				CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	NURS	2900	Special Topics in Nursing	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
				CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	NURS	2901	Assessment of the Adult Client	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				Admission to AA2342									
		COURSE DESC:		This course is one of a series of elective short courses for nursing students. RNs and allied health professionals from the local area may enroll. Designed to improve assessment skills. Enhances the student's ability to obtain a complete history and to perform and in depth physical examination on an adult client.									
HSP	NRSE	NURS	2901	Assessment of the Adult Client	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				Admission to AA2342									
		COURSE DESC:		This course is one of a series of elective short courses for nursing students. RNs and allied health professionals from the local area may enroll. Designed to improve assessment skills. Enhances the student's ability to obtain a complete history and to perform and in depth physical examination on an adult client.									
HSP	NRSE	NURS	2906	Studies in Cardiac Emergencies	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
				Admission to AA2342									
		COURSE DESC:		This is an elective short course for nursing students, RNs and allied health professionals from the local area. Focuses on nursing care related to acute alterations in the physiological needs of oxygenation, perfusion, and ventilation. Assists the student in responding to emergency situations as a member of the resuscitation team and management of prearrest and post resuscitation care.									

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 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2906	Studies in Cardiac Emergencies	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		This is an elective short course for nursing students, RNs and allied health professionals from the local area. Focuses on nursing care related to acute alterations in the physiological needs of oxygenation, perfusion, and ventilation. Assists the student in responding to emergency situations as a member of the resuscitation team and management of prearrest and post resuscitation care.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	1070	Voice and Articulation	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses the recognition, evaluation, and remediation of voice and articulation.									
HSP	RCS	CSD	1070	Voice and Articulation	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Addresses the recognition, evaluation, and remediation of voice and articulation.									
HSP	RCS	CSD	1080	Introduction to Communication Disorders	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to human communication disorders, including disorders of hearing, speech, and language.									
HSP	RCS	CSD	1080	Introduction to Communication Disorders	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to human communication disorders, including disorders of hearing, speech, and language.									
HSP	RCS	CSD	1110	Elementary American Sign Language I	LEC	EL	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: DSI 1120 or 2110 or 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 1110 This is the first in a sequence of four American Sign Language (ASL) courses. Course focuses on the manual alphabet, numbers, facial expressions/body movement, basic vocabulary and simple grammar forms. The history and culture of the Deaf community in the United States is introduced.									
HSP	RCS	CSD	1110	Elementary American Sign Language I	LEC	LE	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: DSI 1120 or 2110 or 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 1110 This is the first in a sequence of four American Sign Language (ASL) courses. Course focuses on the manual alphabet, numbers, facial expressions/body movement, basic vocabulary and simple grammar forms. The history and culture of the Deaf community in the United States is introduced.									
HSP	RCS	CSD	1120	Elementary American Sign Language II	LEC	LE	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		C- or better in CSD 1110 or 3850 or DSI 1110 and WARNING: No credit for this course if taken after the following: DSI 2110 or 2120 or CSD 2110 and No credit for both this course and the following (always deduct credit for first course taken): DSI 1120 This is the second in a sequence of four American Sign Language (ASL) courses. Continuation of vocabulary and skill development to learn signs from context clues and sign analysis. Complex grammatical structures are introduced and development of sentence structure is continued. Students continue to develop fingerspelling proficiency while increasing the speed and length of words. Includes an introduction to linguistic and cultural aspects of the Deaf community as they relate to literature and current topics of debate.									
HSP	RCS	CSD	2080	Phonetics	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		CSD 1080 Surveys the theoretical foundation and practical application of the scientific study of speech sounds. Topics include the production, classification, and transcription of speech sounds. Students will learn to use the International Phonetic Alphabet (IPA) for transcription. Activities include lectures and transcription exercises.									
HSP	RCS	CSD	2080	Phonetics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		CSD 1080 Surveys the theoretical foundation and practical application of the scientific study of speech sounds. Topics include the production, classification, and transcription of speech sounds. Students will learn to use the International Phonetic Alphabet (IPA) for transcription. Activities include lectures and transcription exercises.									
HSP	RCS	CSD	2110	Intermediate American Sign Language I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		C- or better in CSD 1120 or 3860 or DSI 1120 and WARNING: No credit for this course if taken after the following: DSI 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2110 or CSD 3870 This is the third in a sequence of four American Sign Language (ASL) courses. Intermediate level ASL classes provide students opportunity to develop more complex expressive and receptive conversational skills. While skill development in finger spelling, numbers, and identifying facial expressions is continued, emphasis is placed on expressive ASL through the use of less common classifiers and ASL idioms in ASL storytelling. Topics revolve around sharing information about the environment and everyday communication. Grammar is targeted in context with an emphasis on further development of discourse skills. Students learn conversational strategies to maintain more complex ASL conversations. Continued study of Deaf community, Deaf education, and more complex ASL literature.									
HSP	RCS	CSD	2120	Intermediate American Sign Language II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		C- or better in CSD 2110 or 3870 or DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2120 This is the fourth in a sequence of four American Sign Language (ASL) courses. Focus is placed on the expressive use of ASL through storytelling. Expressive use of ASL grammar is expanded with an emphasis on developing questioning and answering skills. Conversational strategies are learned to help students maintain an ASL conversation appropriately. Includes English/ASL translation of concepts and idioms.									
HSP	RCS	CSD	2130	Anatomy and Physiology of Speech and Language	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Soph or Jr or Sr Provides an introduction to the structure and function of the speech and language subsystems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	2130	Anatomy and Physiology of Speech and Language	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr									
		COURSE DESC:		Provides an introduction to the structure and function of the speech and language subsystems.									
HSP	RCS	CSD	2500	Speech Science	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080									
		COURSE DESC:		Fundamentals of the production, perception, and acoustics of speech.									
HSP	RCS	CSD	2500	Speech Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080									
		COURSE DESC:		Fundamentals of the production, perception, and acoustics of speech.									
HSP	RCS	CSD	2530	Hearing Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2130 and (MATH 1200 or Math placement level 2 or higher)									
		COURSE DESC:		Physiological and psychological aspects of sound and measurement of human hearing, including sound transmission and analysis, electrophysiology of the ear, and psychoacoustics.									
HSP	RCS	CSD	2900	Special Topics in Communication Sciences and Disorders	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	RCS	CSD	2900	Special Topics in Communication Sciences and Disorders	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	RCS	CSD	2970T	CSD First Year Tutorial 1	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	CSD	2980T	CSD First Year Tutorial 2	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	CSD	3000	Agging and Disorders of Communication	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080									
		COURSE DESC:		Natural patterns and disorders of communication in aging. Means of working with and advocating for elderly people with communication disabilities.									
HSP	RCS	CSD	3100	Language Development	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CSD 108 or 1080) and (EDEC 160 or 1600 or PSY 273 or 2410) or CSD 208 or 2080									
		COURSE DESC:		Foundation in language acquisition in young children. Includes development of semantics, syntax, phonology, morphology, pragmatics, and theories regarding development.									
HSP	RCS	CSD	3100	Language Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CSD 108 or 1080) and (EDEC 160 or 1600 or PSY 273 or 2410) or CSD 208 or 2080									
		COURSE DESC:		Foundation in language acquisition in young children. Includes development of semantics, syntax, phonology, morphology, pragmatics, and theories regarding development.									
HSP	RCS	CSD	3410	Pre-Professional Service I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080 and Jr or Sr									
		COURSE DESC:		Offers observational, service-learning, and professional development opportunities in a speech-language pathology or audiology context.									
HSP	RCS	CSD	3410	Pre-Professional Service I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080 and Jr or Sr									
		COURSE DESC:		Offers observational, service-learning, and professional development opportunities in a speech-language pathology or audiology context.									
HSP	RCS	CSD	3800	Basic Audiology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2530									
		COURSE DESC:		Provides a basic understanding of the standard clinical procedures used to assess the auditory system, including puretone audiometry, speech audiometry, tympanometry, acoustic reflex testing, masking, and otoacoustic emissions. Advanced audiological procedures and pediatric testing will also be discussed. Emphasis on interpretation of audiometric test results. Anatomy and physiology of the auditory system reviewed as related to disorders of the ear. Exposure to instrumentation, test materials, and practical testing experience provided.									
HSP	RCS	CSD	3800	Basic Audiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2530									
		COURSE DESC:		Provides a basic understanding of the standard clinical procedures used to assess the auditory system, including puretone audiometry, speech audiometry, tympanometry, acoustic reflex testing, masking, and otoacoustic emissions. Advanced audiological procedures and pediatric testing will also be discussed. Emphasis on interpretation of audiometric test results. Anatomy and physiology of the auditory system reviewed as related to disorders of the ear. Exposure to instrumentation, test materials, and practical testing experience provided.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	3900	Introduction to Research in Hearing, Speech and Language Sciences	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduction to research in the fields of speech-language pathology and audiology. Topics include the scientific method, generating relevant research questions, types of data and research designs, and formulating and communicating conclusions and interpretations.									
HSP	RCS	CSD	3970T	CSD Second Year Tutorial 1	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders .									
HSP	RCS	CSD	3980T	CSD Second Year Tutorial 2	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	CSD	4100	Language Science	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Theoretical approaches to language acquisition, neural correlates of language learning, noninvasive imagining techniques, relation of memory and cognition to language, and models of language processing.									
HSP	RCS	CSD	4100	Language Science	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Theoretical approaches to language acquisition, neural correlates of language learning, noninvasive imagining techniques, relation of memory and cognition to language, and models of language processing.									
HSP	RCS	CSD	4180	Disorders of Articulation and Phonology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Focuses on articulation and phonological disorders in children. Emphasis is on evaluation and practical approaches for individuals with articulation and phonological disorders.									
HSP	RCS	CSD	4180	Disorders of Articulation and Phonology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Focuses on articulation and phonological disorders in children. Emphasis is on evaluation and practical approaches for individuals with articulation and phonological disorders.									
HSP	RCS	CSD	4190	Organic Communication Disorders	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides a background on the nature and management of communication disorders associated with physical causes. Illustration of case management presented for selected representative cases.									
HSP	RCS	CSD	4190	Organic Communication Disorders	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides a background on the nature and management of communication disorders associated with physical causes. Illustration of case management presented for selected representative cases.									
HSP	RCS	CSD	4200	Multicultural Aspects in Communication Sciences	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Multicultural topics related to the fields of speech-language pathology and audiology including speech and language acquisition in diverse cultures, social and geographical dialects, introductory concepts of bilingualism, hearing disorders, and aural rehabilitation.									
HSP	RCS	CSD	4200	Multicultural Aspects in Communication Sciences	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Multicultural topics related to the fields of speech-language pathology and audiology including speech and language acquisition in diverse cultures, social and geographical dialects, introductory concepts of bilingualism, hearing disorders, and aural rehabilitation.									
HSP	RCS	CSD	4410	Pre-Professional Service II	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Offers continued exploration of clinical practice issues in communication disorders and includes 10 hours of volunteer experience in order to complete the Capstone Service Learning Project. Students will observe assessment and intervention session in real time and will learn clinical writing skills for both speech pathology and audiology.									
HSP	RCS	CSD	4410	Pre-Professional Service II	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Offers continued exploration of clinical practice issues in communication disorders and includes 10 hours of volunteer experience in order to complete the Capstone Service Learning Project. Students will observe assessment and intervention session in real time and will learn clinical writing skills for both speech pathology and audiology.									
HSP	RCS	CSD	4440	Language Disorders in Children	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		An introduction to provide students with an overview of the various kinds of language and cognitive impairments seen in school-age children/adolescents, including features of each impairment, assessment procedures, and intervention methods.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	4710	Aural Rehabilitation	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2530									
		COURSE DESC:		Provides students with a basic understanding of rehabilitation principles and techniques used with children and adults with hearing impairments. Emphasis will be placed upon application of concepts to real life problems encountered with these populations.									
HSP	RCS	CSD	4710	Aural Rehabilitation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2530									
		COURSE DESC:		Provides students with a basic understanding of rehabilitation principles and techniques used with children and adults with hearing impairments. Emphasis will be placed upon application of concepts to real life problems encountered with these populations.									
HSP	RCS	CSD	4900	Special Topics in Communication Sciences and Disorders	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
HSP	RCS	CSD	4900	Special Topics in Communication Sciences and Disorders	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
HSP	RCS	CSD	4930	Independent Study in Communication Sciences and Disorders	IND	EL	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and written proposal									
		COURSE DESC:		Independent study in selected topics of interest to students under supervision of faculty member.									
HSP	RCS	CSD	4930	Independent Study in Communication Sciences and Disorders	IND	IS	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and written proposal									
		COURSE DESC:		Independent study in selected topics of interest to students under supervision of faculty member.									
HSP	RCS	CSD	4940	Research in Communication Sciences and Disorders	RSC	RS	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and written proposal									
		COURSE DESC:		CR Research in selected topic of interest to students under direction of faculty member.									
HSP	RCS	CSD	4970T	CSD Third Year Tutorial 1	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	CSD	4980T	CSD Third Year Tutorial 2	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	CSD	5000	Aging and Disorders of Communication	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Natural patterns and disorders of communication in aging. Means of working with and advocating for elderly people with communication disabilities.									
HSP	RCS	CSD	5710	Aural Rehabilitation	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides students with a basic understanding of rehabilitation principles and techniques used with children and adults with hearing impairments. Emphasis will be placed upon application of concepts to real life problems encountered with these populations.									
HSP	RCS	CSD	5710	Aural Rehabilitation	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides students with a basic understanding of rehabilitation principles and techniques used with children and adults with hearing impairments. Emphasis will be placed upon application of concepts to real life problems encountered with these populations.									
HSP	RCS	CSD	5850	Sign Language I	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduces the student to language of the deaf, American Sign Language (ASL) and deaf culture in America. Focus is on building sign vocabulary, learning proper fingerspelling technique, attain knowledge of ASL grammar and syntax rules, employ the correct use of non-manual signals, application of personal space and body language, and the development of sensitivity and awareness of the Deaf community in America. The student is expected to acquire basic signing skills and sign vocabulary and begin putting signs together into correct ASL syntax.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	5850	Sign Language I	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces the student to language of the deaf, American Sign Language (ASL) and deaf culture in America. Focus is on building sign vocabulary, learning proper fingerspelling technique, attain knowledge of ASL grammar and syntax rules, employ the correct use of non-manual signals, application of personal space and body language, and the development of sensitivity and awareness of the Deaf community in America. The student is expected to acquire basic signing skills and sign vocabulary and begin putting signs together into correct ASL syntax.									
HSP	RCS	CSD	5860	Sign Language II	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 5850 A continuation into the world of deafness and American Sign Language (ASL). We will expand on the learning of American Sign Language (ASL) vocabulary, continue the investigation of deaf culture and advance the analysis of language concepts learned in Sign Language 1. Use of classifiers and ASL idiomatic expressions are also discussed.									
HSP	RCS	CSD	5860	Sign Language II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 5850 A continuation into the world of deafness and American Sign Language (ASL). We will expand on the learning of American Sign Language (ASL) vocabulary, continue the investigation of deaf culture and advance the analysis of language concepts learned in Sign Language 1. Use of classifiers and ASL idiomatic expressions are also discussed.									
HSP	RCS	CSD	5870	Sign Language III	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 5860 A continuation into the world of deafness and American Sign Language (ASL). Students will continue the study of the cultural and language concepts learned in Sign Language 2. Emphasis is placed on expressive ASL through the use of classifiers and ASL idioms in ASL storytelling.									
HSP	RCS	CSD	5870	Sign Language III	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 5860 A continuation into the world of deafness and American Sign Language (ASL). Students will continue the study of the cultural and language concepts learned in Sign Language 2. Emphasis is placed on expressive ASL through the use of classifiers and ASL idioms in ASL storytelling.									
HSP	RCS	CSD	5900	Special Topics in Communication Sciences and Disorders	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE:									
				CR, PR Specific course content will vary with offering.									
HSP	RCS	CSD	5900	Special Topics in Communication Sciences and Disorders	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE:									
				CR, PR Specific course content will vary with offering.									
HSP	RCS	CSD	6010	Research Methods in Hearing, Speech and Language Sciences	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to teach students to be critical consumers of published group and single subject design research in speech-language pathology and audiology. Topics include the scientific method, generating relevant research questions, various study designs, different data types, data analysis, and data interpretation.									
HSP	RCS	CSD	6020	Child Language Disorders I: Birth to Five	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				First course in child language disorders sequence. In-depth study of language assessment and intervention strategies for young children with language delays and disorders. Therapy areas include prelinguistic communication skills, pragmatic skills, as well as semantic and grammatical aspects of comprehension and production. Early child cognition and emergent literacy will also be addressed.									
HSP	RCS	CSD	6020	Child Language Disorders I: Birth to Five	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				First course in child language disorders sequence. In-depth study of language assessment and intervention strategies for young children with language delays and disorders. Therapy areas include prelinguistic communication skills, pragmatic skills, as well as semantic and grammatical aspects of comprehension and production. Early child cognition and emergent literacy will also be addressed.									
HSP	RCS	CSD	6030	Neuroscience of Communication	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides complete study of neuroanatomy of the central nervous system and detailed instruction in anatomical structures and pathways of the central somatosensory, motor, auditory, vestibular, and visual systems. Hands-on experience in a neuroanatomy laboratory is emphasized. Functional aspects at the systems level are included and consequences of pathological lesions are discussed in forms of case studies.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6030	Neuroscience of Communication GEC1: A-F REQUISITE: Provides complete study of neuroanatomy of the central nervous system and detailed instruction in anatomical structures and pathways of the central somatosensory, motor, auditory, vestibular, and visual systems. Hands-on experience in a neuroanatomy laboratory is emphasized. Functional aspects at the systems level are included and consequences of pathological lesions are discussed in forms of case studies.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6120	Child Language Disorders II: School-age Language and Literacy GEC1: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 6190 Second course in child language disorders sequence. This course covers assessment and intervention theory and practice in the language domains for school-age children with language disorders. Emphasis is on language-literacy connections and language underpinnings in relation to academic content standards.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6130	Developmental and Disordered Phonology GEC1: A-F REQUISITE: Study of phonological problems associated with overall language disorders. Emphasis on theories of phonological acquisition, stages of development, description of deviant systems, methods of data collection and analysis, and suggestions for remediation.	LEC	EL	3	0		N	G50		0
HSP	RCS	CSD	6130	Developmental and Disordered Phonology GEC1: A-F REQUISITE: Study of phonological problems associated with overall language disorders. Emphasis on theories of phonological acquisition, stages of development, description of deviant systems, methods of data collection and analysis, and suggestions for remediation.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6170	Disorders of Fluency GEC1: A-F REQUISITE: Focus is on the speech disorder of stuttering as related to theory, research, assessment, and remediation.	LEC	EL	3	0		N	G50		0
HSP	RCS	CSD	6170	Disorders of Fluency GEC1: A-F REQUISITE: Focus is on the speech disorder of stuttering as related to theory, research, assessment, and remediation.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6190	Speech Language Pathology in Public Schools GEC1: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 6120 Assessment, intervention, and administrative issues for speech-language pathologists working with children in the public schools.	LEC	EL	3	0		N	G50		0
HSP	RCS	CSD	6190	Speech Language Pathology in Public Schools GEC1: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 6120 Assessment, intervention, and administrative issues for speech-language pathologists working with children in the public schools.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6210	Disorders of Phonation GEC1: A-F REQUISITE: Review of anatomy and normal physiology of vocal mechanism. Organic and functional voice problems and related therapy. Research problems in diagnosis and therapy.	LEC	EL	3	0		N	G50		0
HSP	RCS	CSD	6210	Disorders of Phonation GEC1: A-F REQUISITE: Review of anatomy and normal physiology of vocal mechanism. Organic and functional voice problems and related therapy. Research problems in diagnosis and therapy.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6220	Child Language Disorders III: School-age Psycholinguistic Perspectives GEC1: A-F REQUISITE: Third course in child language disorders sequence. This course explores the psycholinguistic underpinnings of language impairment in school age children.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6230	Diagnostic Procedures in Speech-Language Pathology GEC1: A-F REQUISITE: Study of theory and practice pertaining to the diagnostic process, including topics on models of diagnosis, family-centered assessment, multicultural issues, tools and methods, as well as assessment in selected areas of disorders.	LEC	EL	3	0		N	G50		0
HSP	RCS	CSD	6230	Diagnostic Procedures in Speech-Language Pathology GEC1: A-F REQUISITE: Study of theory and practice pertaining to the diagnostic process, including topics on models of diagnosis, family-centered assessment, multicultural issues, tools and methods, as well as assessment in selected areas of disorders.	LEC	LE	3	0		N	G50		0
HSP	RCS	CSD	6240	Neuromotor Disorders of Speech GEC1: A-F REQUISITE: In-depth study of nature and habilitation of speech disorders of organic etiology. Primary focus on articulation disorders resulting from structural lesions, muscle incoordination, and weakness.	LEC	EL	3	0		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6240	Neuromotor Disorders of Speech	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				In-depth study of nature and habilitation of speech disorders of organic etiology. Primary focus on articulation disorders resulting from structural lesions, muscle incoordination, and weakness.									
HSP	RCS	CSD	6270	Medical Aspects of Auditory Disorders	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 6730 and 6731 and 6750 and 6770									
				Provides discussion of etiology, pathophysiology, diagnosis, and medical and surgical treatments for the various external, middle, inner ear, and central nervous system diseases that result in a variety of auditory disorders. Overview of recent advances in molecular biology and genetics of hearing loss. Readings in medical literature and familiarization with medical terminology and philosophy of intervention.									
HSP	RCS	CSD	6270	Medical Aspects of Auditory Disorders	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 6730 and 6731 and 6750 and 6770									
				Provides discussion of etiology, pathophysiology, diagnosis, and medical and surgical treatments for the various external, middle, inner ear, and central nervous system diseases that result in a variety of auditory disorders. Overview of recent advances in molecular biology and genetics of hearing loss. Readings in medical literature and familiarization with medical terminology and philosophy of intervention.									
HSP	RCS	CSD	6290	Adult Language Disorders	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 6030									
				Theory, etiology, diagnostics, treatment methods, and service delivery issues related to adult neurogenic language disorders. Includes study of aphasia, dyslexia, dysgraphia, right hemisphere deficits, frontal lobe syndromes, traumatic brain injury, and dementia.									
HSP	RCS	CSD	6290	Adult Language Disorders	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				CSD 6030									
				Theory, etiology, diagnostics, treatment methods, and service delivery issues related to adult neurogenic language disorders. Includes study of aphasia, dyslexia, dysgraphia, right hemisphere deficits, frontal lobe syndromes, traumatic brain injury, and dementia.									
HSP	RCS	CSD	6340	Clinical Methods in Speech-Language Pathology	LEC	EL	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Addresses the specific clinical skills and abilities for clinical practice in communication disorders, including technical writing, cultural competency, interview skills, treatment efficacy, diagnostic skills, self-analysis/self-evaluation, steps in licensure/certification, professional development, ethical practice, and specific therapy strategies for several communication disorders.									
HSP	RCS	CSD	6340	Clinical Methods in Speech-Language Pathology	LEC	LE	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Addresses the specific clinical skills and abilities for clinical practice in communication disorders, including technical writing, cultural competency, interview skills, treatment efficacy, diagnostic skills, self-analysis/self-evaluation, steps in licensure/certification, professional development, ethical practice, and specific therapy strategies for several communication disorders.									
HSP	RCS	CSD	6351	Professional Education in Audiology I	LEC	EL	2	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of bridge didactic coursework and clinical experience for first year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	CSD	6351	Professional Education in Audiology I	LEC	LE	2	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of bridge didactic coursework and clinical experience for first year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	CSD	6400	Augmentative Communication	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of augmentative communication and assistive listening systems. Development of skills in the application of augmentative communication to communication disorders in adults and children. Experience with microprocessor-based technology.									
HSP	RCS	CSD	6400	Augmentative Communication	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of augmentative communication and assistive listening systems. Development of skills in the application of augmentative communication to communication disorders in adults and children. Experience with microprocessor-based technology.									
HSP	RCS	CSD	6410	Dysphagia	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Basic knowledge of normal and deviant swallowing disorders due to neurological and structural impairments. Major topics include assessment and management of the wide range of swallowing disorders managed by speech-language pathologists.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6410	Dysphagia ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Basic knowledge of normal and deviant swallowing disorders due to neurological and structural impairments. Major topics include assessment and management of the wide range of swallowing disorders managed by speech-language pathologists.									
HSP	RCS	CSD	6520	Experimental Phonetics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Speech communication involves the generation of sounds by a speaker from some internal linguistic representations and the interpretation of sounds by a listener. Explores how linguistic representations are implemented by the speaker to generate sounds and how the acoustic signal is perceived by the listener to uncover linguistic representations.									
HSP	RCS	CSD	6520	Experimental Phonetics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Speech communication involves the generation of sounds by a speaker from some internal linguistic representations and the interpretation of sounds by a listener. Explores how linguistic representations are implemented by the speaker to generate sounds and how the acoustic signal is perceived by the listener to uncover linguistic representations.									
HSP	RCS	CSD	6730	Diagnostic Audiology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: Presents fundamental and advanced audiological procedures for the diagnosis of conductive, cochlear, and eight nerve disorders of the auditory systems. Lab experiences will provide hands-on experience with current test protocols and equipment.									
HSP	RCS	CSD	6730	Diagnostic Audiology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: Presents fundamental and advanced audiological procedures for the diagnosis of conductive, cochlear, and eight nerve disorders of the auditory systems. Lab experiences will provide hands-on experience with current test protocols and equipment.									
HSP	RCS	CSD	6731	Advanced Diagnostic Audiology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 Presents advanced audiological procedures for the differential diagnosis of auditory disorders including those of the central auditory system and facial nerve as well as procedures for constructing and evaluating assessment protocols. Lab provides hands-on experience with current test protocols and equipment.									
HSP	RCS	CSD	6731	Advanced Diagnostic Audiology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 Presents advanced audiological procedures for the differential diagnosis of auditory disorders including those of the central auditory system and facial nerve as well as procedures for constructing and evaluating assessment protocols. Lab provides hands-on experience with current test protocols and equipment.									
HSP	RCS	CSD	6740	Hearing Aids ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 and 6770 Fundamental aspects of hearing aid form, function, fit, and verification are introduced. Topics germane to hearing aid dispensing such as counseling, prescriptive gain, fitting strategies, programming, and trouble shooting are discussed and practiced.									
HSP	RCS	CSD	6740	Hearing Aids ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 and 6770 Fundamental aspects of hearing aid form, function, fit, and verification are introduced. Topics germane to hearing aid dispensing such as counseling, prescriptive gain, fitting strategies, programming, and trouble shooting are discussed and practiced.									
HSP	RCS	CSD	6749	Electrophysiologic Assessment ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 Electrophysiologic measurements applied to human auditory system function focused on the use of auditory evoked potentials.									
HSP	RCS	CSD	6750	Electrophysiologic Assessment ELIGIBLE GRADES: COURSE DESC:	LEC	EL	4	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 Electrophysiologic measurements applied to human auditory system function focused on the use of auditory evoked potentials.									
HSP	RCS	CSD	6750	Electrophysiologic Assessment ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6730 Electrophysiologic measurements applied to human auditory system function focused on the use of auditory evoked potentials.									
HSP	RCS	CSD	6751	Advanced Electrophysiologic Assessment ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6750 Advanced topics in auditory electrophysiologic assessment including topics such as frequency following response, P300, mismatch negativity as well as other early-, mid-, and late-evoked potentials.									
HSP	RCS	CSD	6751	Advanced Electrophysiologic Assessment ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G50		0
				GEC1: A-F REQUISITE: CSD 6750 Advanced topics in auditory electrophysiologic assessment including topics such as frequency following response, P300, mismatch negativity as well as other early-, mid-, and late-evoked potentials.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6770	Advanced Hearing Science	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of classical and contemporary psychophysical methods, physics of sound, anatomy and physiology of the auditory system, excitation of cochlea and auditory nerve, frequency analysis, pitch perception, nonlinear distortion, loudness, frequency, and intensity discrimination.									
HSP	RCS	CSD	6770	Advanced Hearing Science	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of classical and contemporary psychophysical methods, physics of sound, anatomy and physiology of the auditory system, excitation of cochlea and auditory nerve, frequency analysis, pitch perception, nonlinear distortion, loudness, frequency, and intensity discrimination.									
HSP	RCS	CSD	6900	Special Topics in Speech-Language Pathology	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Varied topics relating to special clinical, professional, and theoretical topics in speech-language pathology.									
HSP	RCS	CSD	6901	Special Topics in Speech-Language pathology	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Varied topics relating to clinical, professional and theoretical topics in speech-language pathology.									
HSP	RCS	CSD	6902	Special Topics in Speech-Language Pathology	SEM	EL	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Varied topics relating to clinical, professional, and theoretical topics in speech-language pathology.									
HSP	RCS	CSD	6902	Special Topics in Speech-Language Pathology	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Varied topics relating to clinical, professional, and theoretical topics in speech-language pathology.									
HSP	RCS	CSD	6910	Clinical Externship	INT	IN	2 to 15	45		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	(CSD 6080 or 6220) and 6130 and 6170 and 6210 and 6230 and 6290 and						
		COURSE DESC:		CR, PR Full-time placement at an off-campus site (clinic, hospital or other medical facility, private practice, or in a school setting) involving all aspects of the clinical process in speech-language pathology.									
HSP	RCS	CSD	6920	Practicum in Diagnosis and Therapy	PRA	PR	1	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Supervised clinical experience includes practice in diagnosis, planning of therapy, and remediation.									
HSP	RCS	CSD	6921	Audiology Practicum I	PRA	PR	1 to 2	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Experience in audiology diagnosis and aural rehabilitation in on-campus clinical and off-campus settings for first year Au.D. students.									
HSP	RCS	CSD	6935	Aging and Communication in the Developing World	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exploration of aging and communication in the context of development. Includes global perspectives on health and health care access as they impact elderly adults in regions undergoing development.									
HSP	RCS	CSD	6935	Aging and Communication in the Developing World	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exploration of aging and communication in the context of development. Includes global perspectives on health and health care access as they impact elderly adults in regions undergoing development.									
HSP	RCS	CSD	6950	Thesis	THE	TH	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required and successful defense of research proposal						
		COURSE DESC:		CR, PR Thesis in communication disorders.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	7250	Administration of Public School Speech-Language Pathology Programs	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6120									
		COURSE DESC:		Designed to prepare students to work as speech-language pathologists (SLPs) in public schools, this course includes issues involving the administration and implementation of speech-language programs in the public school system. The course focuses on SLP roles and responsibilities in schools in relation to legislation, evaluation team reports, individualized education programs (IEPs), procedural safeguards, and workload/caseload. Course also addresses the role the SLP in the wider context of being a member in a school learning community.									
HSP	RCS	CSD	7351	Professional Education in Audiology II	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to bridge didactic coursework and clinical experience for second year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	CSD	7351	Professional Education in Audiology II	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Prepares audiologists to structure and clinical experience for second year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	CSD	7620	Rehabilitative Audiology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6730 and 6740 and 7630									
		COURSE DESC:		Prepares audiologists to structure and execute programs of (re)habilitation for individuals with hearing loss in clinical, vocational and/or educational settings as well as understand the psychosocial aspects of hearing loss.									
HSP	RCS	CSD	7620	Rehabilitative Audiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6730 and 6740 and 7630									
		COURSE DESC:		Prepares audiologists to structure and execute programs of (re)habilitation for individuals with hearing loss in clinical, vocational and/or educational settings as well as understand the psychosocial aspects of hearing loss.									
HSP	RCS	CSD	7630	Pediatric/Educational Audiology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Discussions will cover the embryologic development of the auditory system, audiometric evaluation of infants and children, counseling and educational issues of children identified with hearing loss, pathological conditions and syndromes affecting the pediatric population, and issues germane to pediatric hearing aid selection and verification.									
HSP	RCS	CSD	7630	Pediatric/Educational Audiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Discussions will cover the embryologic development of the auditory system, audiometric evaluation of infants and children, counseling and educational issues of children identified with hearing loss, pathological conditions and syndromes affecting the pediatric population, and issues germane to pediatric hearing aid selection and verification.									
HSP	RCS	CSD	7680	Industrial Audiology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6730 and 6740 and 6770									
		COURSE DESC:		Information about the adverse effects of noise on hearing, the assessment of the environment for hazardous conditions, Occupational Safety and Health Administration (OSHA) regulations on noise exposure, and the implementation of a hearing conservation program as prescribed by the National Institute for Occupational Safety and Health (NIOSH).									
HSP	RCS	CSD	7680	Industrial Audiology	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6730 and 6740 and 6770									
		COURSE DESC:		Information about the adverse effects of noise on hearing, the assessment of the environment for hazardous conditions, Occupational Safety and Health Administration (OSHA) regulations on noise exposure, and the implementation of a hearing conservation program as prescribed by the National Institute for Occupational Safety and Health (NIOSH).									
HSP	RCS	CSD	7700	Cochlear Implants	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6030 and 6750 and 6770									
		COURSE DESC:		Neurobiological basis for cochlear implants, speech processing techniques, candidacy for implants, post operative management, and outcomes assessment.									
HSP	RCS	CSD	7700	Cochlear Implants	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6030 and 6750 and 6770									
		COURSE DESC:		Neurobiological basis for cochlear implants, speech processing techniques, candidacy for implants, post operative management, and outcomes assessment.									
HSP	RCS	CSD	7750	Advanced Hearing Aids	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced topics in hearing aid technology including compression, noise reduction strategies, directional microphone, class amplification technology, understanding performance of the damaged auditory system, and how advanced signal processing strategies might be used to compensate for these deficits.									
HSP	RCS	CSD	7750	Advanced Hearing Aids	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Advanced topics in hearing aid technology including compression, noise reduction strategies, directional microphone, class amplification technology, understanding performance of the damaged auditory system, and how advanced signal processing strategies might be used to compensate for these deficits.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	7850	Balance Function Assessment	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CSD 6030 and 6750						
		COURSE DESC:		Assessment of balance function with emphasis on electronystagmography, rotary chair, and platform posturography.									
HSP	RCS	CSD	7850	Balance Function Assessment	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	CSD 6030 and 6750						
		COURSE DESC:		Assessment of balance function with emphasis on electronystagmography, rotary chair, and platform posturography.									
HSP	RCS	CSD	7910	Clinical Externship in Audiology	INT	IN	4 to 15	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	CR, PR						
		COURSE DESC:		Experience in hearing testing, fitting hearing aids, diagnostic procedures related to hearing and balance, writing clinical reports, maintaining clinical facilities, and interacting with other professionals usually in an external clinical setting.									
HSP	RCS	CSD	7921	Audiology Practicum II	PRA	PR	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	2nd year Au.D. student						
		COURSE DESC:		Experience in audiological diagnosis through direct patient contact, hearing aids, and aural rehabilitation in on-campus and off-campus settings for second year Au.D. students.									
HSP	RCS	CSD	7930	Directed Studies	IND	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	CSD	7930	Directed Studies	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	CSD	7931	Directed Studies	IND	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology of speech-language pathology.									
HSP	RCS	CSD	7931	Directed Studies	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology of speech-language pathology.									
HSP	RCS	CSD	7932	Directed Studies	IND	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	CSD	7932	Directed Studies	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	CSD	7950	Integrated Clinical Education	SEM	EL	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to bridge didactic coursework and clinical experience in the second and third years of the Au.D. program in a larger group setting that may simulate a grand rounds experience and provide opportunities for advanced students to mentor more junior students. Lecture, practice, experimentation, and student presentations.									
HSP	RCS	CSD	7950	Integrated Clinical Education	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to bridge didactic coursework and clinical experience in the second and third years of the Au.D. program in a larger group setting that may simulate a grand rounds experience and provide opportunities for advanced students to mentor more junior students. Lecture, practice, experimentation, and student presentations.									
HSP	RCS	CSD	8351	Professional Education in Audiology III	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to provide third year Au.D. students a didactic forum facilitating intergration of theoretical and clinical aspects of diagnostic and rehabilitative audiology via lectures, practice, experimentation, and student participation and presentations. Topics covered will coincide with current and previous coursework as well as the level of the students.									
HSP	RCS	CSD	8351	Professional Education in Audiology III	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Designed to provide third year Au.D. students a didactic forum facilitating intergration of theoretical and clinical aspects of diagnostic and rehabilitative audiology via lectures, practice, experimentation, and student participation and presentations. Topics covered will coincide with current and previous coursework as well as the level of the students.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	8900	Special Topics in Communication Sciences and Disorders	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	RCS	CSD	8900	Special Topics in Communication Sciences and Disorders	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	RCS	CSD	8910	Full-time Audiology Externship	INT	IN	4 to 15	45		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CSD 8921 and 8949 must be completed prior to commencing externship									
		COURSE DESC:		Full-time supervised externship for three semesters, located nationwide.									
HSP	RCS	CSD	8921	Audiology Practicum III	PRA	PR	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Experience in audiological diagnosis through direct patient contact, hearing aids, and aural rehabilitation in on-campus and off-campus settings for third year Au.D. students.									
HSP	RCS	CSD	8930	Academic Directed Study 1	IND	IS	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		This academic directed study provides students with directed learning in various content areas related to their designated major and minor areas of study. Directed studies may take different forms including but not limited to directed readings, submitting synthesis and integration papers, and critical review papers.									
HSP	RCS	CSD	8931	Advanced Academic Directed Study 2	IND	IS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This advanced academic directed study provides students with directed learning in various content areas related to their designated major and minor areas of study. Directed studies may take different forms including but not limited to directed readings, submitting synthesis and integration papers, and critical review papers.									
HSP	RCS	CSD	8940	Research Directed Study 1	RSC	RS	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This research directed study provides students with directed learning in various areas of research interest. Research directed studies may take different forms including but not limited to acquiring specific research skills such as developing appropriate study designs, stimulus preparation, collection of pilot data, acquiring data analysis, and interpretation skills.									
HSP	RCS	CSD	8941	Advanced Research Directed Study 2	RSC	RS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This advanced research directed study provides students with directed learning in various areas of research interest. Research directed studies may take different forms including but not limited to acquiring specific research skills such as developing appropriate study designs, stimulus preparation, collection of pilot data, acquiring data analysis, and interpretation skills.									
HSP	RCS	CSD	8949	Research Practicum in Audiology	RSC	RS	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Research training experience in which students work in faculty research labs. Students design and implement their own research projects in consultation and collaboration with their faculty research mentor. The two semester experience culminates in a completed research manuscript as well as a presentation.									
HSP	RCS	CSD	8950	Dissertation in CSD	THE	TH	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and mentor will judge readiness of student to begin dissertation based on student's performance in related directed studies.									
		COURSE DESC:		Students initiate, execute and complete, and orally defend an independent research project in an area of research interest and experience (under the guidance of a primary faculty mentor). The project includes generating relevant research questions, developing an appropriate study design and methods/procedures, selecting appropriate analysis schemes and properly interpreting the results, and defending a written product of the project.									
HSP	RCS	CSD	8960	Signal Detection Theory	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Examination of the fundamental principles of signal detection theory and application of the theory to research in the speech, language, and hearing sciences.									
HSP	RCS	CSD	8961	Auditory Scene Analysis	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Discussion of the psychological underpinnings essential for persons to form coherent mental representations and interpretations of the world around them based on auditory information.									
HSP	RCS	CSD	8962	Working Memory, Cognition and Language	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Students will engage in critical analysis and comparison of the three most prominent models of working memory and will relate the different models to auditory processing and language processing.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	8963	Theoretical Accounts of Specific Language Impairment	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provide students with current knowledge about the primary theoretical positions about specific language impairment (SLI) in children. The seminar examines the different theoretical assumptions underlying various models of SLI and evidence supporting each model.									
HSP	RCS	CSD	8964	Advanced Topics in Auditory Prostheses	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides overview of basic research and its clinical implications in cochlear implants and other auditory prostheses including intraneural implants, auditory brainstem implants, midbrain implants, and optical stimulation of auditory neurons. Discusses clinical issues with cochlear implants. Provides experience and troubleshooting with the newest hardware and software used in clinical cochlear-implant programming.									
HSP	RCS	CSD	8965	Single Subject Research in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides students current knowledge about the value and importance of a range of single subject research designs in communication sciences and disorders. Seminar is reading intensive. Students will facilitate and participate in roundtable discussions regarding the types of single-subject designs and the threats to reliability and validity associated with different single subject designs.									
HSP	RCS	CSD	8966	Beginning Communicators	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides current knowledge about the development of communication skills of very young children as well as the assessment and intervention of early communication deficits.									
HSP	RCS	CSD	8967	Advanced Seminar in Augmentative and Alternative Communication	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students current knowledge and issues related to reliability and validity of contemporary issues in augmentative and alternative communication. Students will describe challenges related to subject selection in AAC research.									
HSP	RCS	CSD	8968	Grant Writing in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides students with information about the importance of grantsmanship as a core ability required of academic-research faculty. Focuses on the content and process of strong, competitive grant writing, and presents an overview of a wide variety of potential funding mechanisms in communications sciences and disorders.									
HSP	RCS	CSD	8969	Lexical Acquisition in Children	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides students with detailed information about typical lexical (semantic) development, how the mental lexicon is organized, theoretical explanations of word learning, and word learning difficulties in children. Both theoretical and clinical perspectives will be provided. Seminar is reading and discussion intensive.									
HSP	RCS	CSD	8970	Research Critique in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Evaluate peer-reviewed research in communication sciences and disorders, including background information and motivation, methods and procedures, results (statistical schemes), and discussion (data interpretation and contextualization of results).									
HSP	RCS	CSD	8971	Language Disorders of Form: Assessment and Remediation	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Provides students detailed information about the development and disorders of morphology and syntax in school-age children.									
HSP	RCS	CSD	8972	Using Eye Tracking to Study Cognitive and Linguistic Processing	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Explores eye-tracking methods to study a variety of cognitive and linguistic processing abilities in individuals with and without disabilities and disorders.									
HSP	RCS	CSD	8973	Advanced Differential Diagnosis of Aphasia	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Examines the complexities that may impact validity and reliability of aphasia assessment and the study of advanced assessment methods, emerging technologies, and related research needs and opportunities.									
HSP	RCS	CSD	8974	Strategic Academic Career Development in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Study of career development strategies for individuals pursuing scholarly careers in communication sciences and disorders.									
HSP	RCS	CSD	8975	Research Ethics in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Study of ethical issues in clinical practice and research in communication sciences and disorders.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	8976	Pedagogy in CSD	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Examines methods to enhance teaching and learning in the field of communication sciences and disorders.									
HSP	RCS	CSD	8977	Signal Processing	SEM	SE	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Topics related to signal processing of the auditory system, hearing aids, related hearing devices, and/or cochlear implants will be discussed. Will rely heavily on published literature and other sources of signal processing information.									
HSP	RCS	CSD	8978	Biomechanical and Temporal Analysis of Swallowing	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Seminar identifies the biomechanical and temporal characteristics of normal and disordered swallowing, applies temporal and biomechanical measurements, and developd innovative intervention strategies for dysphagia rehabilitation based on the temporal and biomechanical analysis.									
HSP	RCS	CSD	8979	Advanced Seminar in Neurogenic Speech and Swallowing	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Evaluates current clinical and research issues in neurogenic and organic speech and swallowing. Use advanced assessment tools and treatment strategies for patients with speech and/or swallowing disorders.									
HSP	RCS	CSD	8980	MATLAB Programming in Hearing and Speech Research	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Provides introduction to intermediate level of programming skills using MATLAB in hearing and speech research. Topics include basics, matrices, graphics, graphical user interfaces, acoustics, speech signals, signal processing, and data analyses with MATLAB.									
HSP	RCS	CSD	8981	Developmental, Social and Neural Bases of Memory	SEM	SE	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines the key factors that influence autobiographical memory in children and adults from a multidisciplinary perspective. Goals of seminar are to 1) provide students with a sound theoretical and empirical background on research on autobiographical memory; 2) encourage independent, critical analysis of theory and research in this area; and 3) improve written and oral communication of research ideas.									
HSP	RCS	PA	2100	Introduction to the Physician Assistant Profession	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course is designed for individuals considering a career as a physician assistant (PA). It is intended to provide students with an understanding of the history and development of the PA profession and their role in the health care system.									
HSP	RCS	PA	5110	Physician Assistant Practice	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Admission to the Ohio University Physician Assistant Program									
				In this course, students explore the history and development of the physician assistant (PA) profession, professional, ethical and legal issues affecting clinical practice, and the PA's role in the healthcare system.									
HSP	RCS	PA	5110	Physician Assistant Practice	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Admission to the Ohio University Physician Assistant Program									
				In this course, students explore the history and development of the physician assistant (PA) profession, professional, ethical and legal issues affecting clinical practice, and the PA's role in the healthcare system.									
HSP	RCS	PA	5120	Physician Assistant Practice II: US Healthcare Systems and Policy	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PA 5110									
				The second in a series of two courses, students will explore the U.S. health system, regulations and policies that affect the delivery of healthcare in the United States.									
HSP	RCS	PA	5120	Physician Assistant Practice II: US Healthcare Systems and Policy	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PA 5110									
				The second in a series of two courses, students will explore the U.S. health system, regulations and policies that affect the delivery of healthcare in the United States.									
HSP	RCS	PA	5130	Health Promotion and Disease Prevention for the Physician Assistant	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PA 5110									
				This course is designed to prepare the physician assistant student with the knowledge and skills to apply principles of health promotion and disease prevention to diverse patient populations in a variety of clinical and community settings.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5130	Health Promotion and Disease Prevention for the Physician Assistant GEC1: A-F REQUISITE: PA 5110 COURSE DESC: This course is designed to prepare the physician assistant student with the knowledge and skills to apply principles of health promotion and disease prevention to diverse patient populations in a variety of clinical and community settings.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5140	Concepts of Leadership and Management for the Physician Assistant GEC1: A-F REQUISITE: PA 5110 COURSE DESC: This course provides students with the foundation to understand and appreciate leadership and management principles necessary to assume leadership positions in the Physician Assistant (PA) profession and clinical practice. Students will examine and critically analyze current leadership skills, theories and management principles in health care organizations.	LEC	EL	1	0		N	G40		0
HSP	RCS	PA	5140	Concepts of Leadership and Management for the Physician Assistant GEC1: A-F REQUISITE: PA 5110 COURSE DESC: This course provides students with the foundation to understand and appreciate leadership and management principles necessary to assume leadership positions in the Physician Assistant (PA) profession and clinical practice. Students will examine and critically analyze current leadership skills, theories and management principles in health care organizations.	LEC	LE	1	0		N	G40		0
HSP	RCS	PA	5150	Professional Development: Certification and Practice for the Physician Assistant GEC1: A-F REQUISITE: PA 5110 COURSE DESC: This course will assist students in the application of concepts and knowledge gained from didactic instruction and clinical rotations in preparation for graduation, certification, licensure, professional employment and clinical practice.	LEC	EL	1	0		N	G40		0
HSP	RCS	PA	5150	Professional Development: Certification and Practice for the Physician Assistant GEC1: A-F REQUISITE: PA 5110 COURSE DESC: This course will assist students in the application of concepts and knowledge gained from didactic instruction and clinical rotations in preparation for graduation, certification, licensure, professional employment and clinical practice.	LEC	LE	1	0		N	G40		0
HSP	RCS	PA	5210	Clinical Gross Anatomy for the Physician Assistant GEC1: A-F REQUISITE: Admission into the Physician Assistant program COURSE DESC: This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.	LAB	LB	5	0		N	G40		0
HSP	RCS	PA	5210	Clinical Gross Anatomy for the Physician Assistant GEC1: A-F REQUISITE: Admission into the Physician Assistant program COURSE DESC: This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.	LEC	EL	5	0		N	G40		0
HSP	RCS	PA	5210	Clinical Gross Anatomy for the Physician Assistant GEC1: A-F REQUISITE: Admission into the Physician Assistant program COURSE DESC: This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.	LEC	LE	5	0		N	G40		0
HSP	RCS	PA	5220	Clinical Pathophysiology I for the Physician Assistant GEC1: A-F REQUISITE: Admission to the Ohio University Physician Assistant Program COURSE DESC: The first in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology as it relates to cell function, homeostasis and molecular interactions within the human body.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5230	Clinical Pathophysiology II for the Physician Assistant GEC1: A-F REQUISITE: PA 5220 COURSE DESC: The second in a series of two courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: Integumentary, Immune, Neurologic, musculoskeletal, hematology and oncology.	LEC	EL	3	0		N	G40		0
HSP	RCS	PA	5230	Clinical Pathophysiology II for the Physician Assistant GEC1: A-F REQUISITE: PA 5220 COURSE DESC: The second in a series of two courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: Integumentary, Immune, Neurologic, musculoskeletal, hematology and oncology.	LEC	LE	3	0		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5240	Clinical Pathophysiology III for the Physician Assistant GEC1: A-F REQUISITE: PA 5220 The final in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: cardiovascular, respiratory, gastrointestinal, genitourinary, and renal.	LEC	EL	3	0		N	G40		0
HSP	RCS	PA	5240	Clinical Pathophysiology III for the Physician Assistant GEC1: A-F REQUISITE: PA 5220 The final in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: cardiovascular, respiratory, gastrointestinal, genitourinary, and renal.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5250	Clinical Pharmacology GEC1: A-F REQUISITE: Admission to the Ohio University Physician Assistant Program This physician assistant course provides the foundational principles of pharmacology and pharmacotherapeutics. Content includes pharmacokinetics, pharmacodynamics, and pharmacogenetics related to drug therapy. The indications, contraindications and adverse effects of prototypical drugs are covered, including drug dependence and addiction.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5260	Clinical Science for the Physician Assistant GEC1: A-F REQUISITE: Admission to the Ohio University Physician Assistant Program This course provides the physician assistant student a solid foundation in basic laboratory science and genetics that will be applied in the clinical management of health and disease.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5310	Patient Assessment I GEC1: A-F REQUISITE: PA 5110 This course provides the physician assistant student with the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination. Interviewing skills, focused physical examination techniques and an introduction to documentation and medical records will also be discussed.	LEC	EL	3	0		N	G40		0
HSP	RCS	PA	5310	Patient Assessment I GEC1: A-F REQUISITE: PA 5110 This course provides the physician assistant student with the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination. Interviewing skills, focused physical examination techniques and an introduction to documentation and medical records will also be discussed.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5320	Patient Assessment II GEC1: A-F REQUISITE: PA 5310 A continuation of Patient Assessment I (PA5310), this course provides the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination, including interviewing skills and pertinent physical examination techniques. Students will develop critical thinking skills, oral presentation skills, and written documentation skills. Special populations will also be discussed.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5330	Clinical Procedures for the Physician Assistant GEC1: A-F REQUISITE: PA 5540 This course builds upon the skills developed in the didactic year where students will learn and demonstrate competency on a variety of clinical skills in the areas that include but are not limited to emergency medicine, surgery, men and women's health, internal medicine, and orthopedics.	LEC	EL	2	0		N	G40		0
HSP	RCS	PA	5330	Clinical Procedures for the Physician Assistant GEC1: A-F REQUISITE: PA 5540 This course builds upon the skills developed in the didactic year where students will learn and demonstrate competency on a variety of clinical skills in the areas that include but are not limited to emergency medicine, surgery, men and women's health, internal medicine, and orthopedics.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5511	Clinical Medicine I GEC1: A-F REQUISITE: PA 5210 The first in a series of four courses that uses basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include eyes, ears, nose, throat, infectious disease, dermatologic and neurologic.	LEC	LE	4	0		N	G40		0
HSP	RCS	PA	5512	Clinical Medicine II GEC1: A-F REQUISITE: PA 5210 The second in a series of four courses that uses basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include musculoskeletal, hematologic and oncologic.	LEC	LE	4	0		N	G40		0
HSP	RCS	PA	5513	Clinical Medicine III GEC1: A-F REQUISITE: PA 5210 The third in a series of four courses that use basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include cardiovascular and pulmonary.	LEC	LE	6	0		N	G40		0
HSP	RCS	PA	5514	Clinical Medicine IV GEC1: A-F REQUISITE: PA 5210 The fourth in a series of four courses that uses basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include: Gastrointestinal, Endocrine, Genitourinary and Renal.	LEC	LE	4	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5550	Behavioral and Mental Health	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5250									
				COURSE DESC: Physician assistants role in assessment and treatment of mental health disorders and psychosocial issues including clinical skills to provide care for patients with psychiatric disorders. Emphasis on communication skills needed in difficult patient interactions.									
HSP	RCS	PA	5550	Behavioral and Mental Health	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5250									
				COURSE DESC: Physician assistants role in assessment and treatment of mental health disorders and psychosocial issues including clinical skills to provide care for patients with psychiatric disorders. Emphasis on communication skills needed in difficult patient interactions.									
HSP	RCS	PA	5551	Emergency Medicine	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of emergency medicine for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that present to the emergency department.									
HSP	RCS	PA	5551	Emergency Medicine	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of emergency medicine for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that present to the emergency department.									
HSP	RCS	PA	5552	Pediatric Medicine	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: This course builds upon the knowledge obtained in the clinical medicine series and introduces the physician assistant student to the principles of pediatric medicine. Students will be tasked to utilize critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions affecting pediatric patients with an emphasis on injury and disease prevention.									
HSP	RCS	PA	5552	Pediatric Medicine	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: This course builds upon the knowledge obtained in the clinical medicine series and introduces the physician assistant student to the principles of pediatric medicine. Students will be tasked to utilize critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions affecting pediatric patients with an emphasis on injury and disease prevention.									
HSP	RCS	PA	5553	Women's Health	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of women's health for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that affect the female patient with an emphasis on prenatal and gynecologic care.									
HSP	RCS	PA	5553	Women's Health	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of women's health for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that affect the female patient with an emphasis on prenatal and gynecologic care.									
HSP	RCS	PA	5554	General Surgery	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of general surgery for the physician assistant. Emphasis on developing critical thinking skills to identify and develop treatment plans for patients in a hospital based surgical practice.									
HSP	RCS	PA	5554	General Surgery	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: Introduction to the principles of general surgery for the physician assistant. Emphasis on developing critical thinking skills to identify and develop treatment plans for patients in a hospital based surgical practice.									
HSP	RCS	PA	5560	Transition to Clinical Practice	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: This course assists the physician assistant student to transition from the foundational principles of pharmacology and nutrition to application in clinical settings. Students use critical thinking skills to develop patient-centered pharmacotherapeutic and nutritional management plans based on selected clinical scenarios.									
HSP	RCS	PA	5560	Transition to Clinical Practice	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5540									
				COURSE DESC: This course assists the physician assistant student to transition from the foundational principles of pharmacology and nutrition to application in clinical settings. Students use critical thinking skills to develop patient-centered pharmacotherapeutic and nutritional management plans based on selected clinical scenarios.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	6101	Clinical Rotation: Behavioral and Mental Health	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6102	Clinical Rotation: Emergency Medicine	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6103	Clinical Rotation: Family Medicine	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6104	Clinical Rotation: General Surgery	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6105	Clinical Rotation: Community Medicine	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6106	Clinical Rotation: Internal Medicine I	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6107	Clinical Rotation: Internal Medicine II	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6108	Clinical Rotation: Pediatric Medicine	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6109	Clinical Rotation: Women's Health	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6110	Clinical Rotation - General Selective I	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PA	6111	Clinical Rotation: General Selective II	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	6112	Clinical Rotation: Speciality Selective	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PA 5560									
				COURSE DESC: PR This rotation provides the physician assistant student a four week clinical experience in any sub-specialty rotation selected by the student from a program list with the direct supervision of a qualified preceptor. The rotation includes experience in patient assessment, diagnosis, and management of patient population pertinent to the specialty.									
HSP	RCS	PA	6113	Clinical Rotation: Critical Access Hospital	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5560									
				COURSE DESC: This rotation provides the physician assistant student a four week clinical experience at a critical access hospital (CAH) with the direct supervision of a qualified preceptor. The rotation includes experience in primary care and other specialties with patients who require acute, chronic, and/or preventive care. Emphasis is placed on all aspects of healthcare delivery offered through a CAH.									
HSP	RCS	PA	6114	Clinical Rotation: Geriatrics	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 5560									
				COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in Geriatric Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with geriatric patients who require acute, chronic, and/or preventive care. Emphasis is placed on the aging process, end-of-life care as well as injury and disease prevention.									
HSP	RCS	PA	6210	Evidence Based Research I	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: The first in a series of three courses (PA 6210, PA 6220 and PA 6230), this course introduces the physician assistant student to the principles of evidence-based research and information utilization. Students will learn to critically appraise, interpret and apply disseminated information to enhance clinical decision-making and patient care.									
HSP	RCS	PA	6220	Evidence-Based Research II	LEC	LE	1	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PA 6210									
				COURSE DESC: PR The second in a series of three courses (PA 6210, PA 6220 and PA 6230), this course is designed to provide the physician assistant student with the skills necessary to identify and answer a question found in the practice of clinical medicine. Through the use of evidence-based techniques and critical appraisal, students will then learn how to apply these techniques in clinical practice.									
HSP	RCS	PA	6230	Evidence-Based Research III	LEC	EL	1	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 6220									
				COURSE DESC: The third in a series of three courses (PA 6210, PA 6220 and PA 6230), this course is designed to be the culmination of a clinical graduate degree and will provide physician assistant students with the opportunity to perform and present a comprehensive search and evaluation of literature based on a relevant clinical question in clinical practice.									
HSP	RCS	PA	6230	Evidence-Based Research III	LEC	LE	1	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: PA 6220									
				COURSE DESC: The third in a series of three courses (PA 6210, PA 6220 and PA 6230), this course is designed to be the culmination of a clinical graduate degree and will provide physician assistant students with the opportunity to perform and present a comprehensive search and evaluation of literature based on a relevant clinical question in clinical practice.									
HSP	RCS	PT	2590	Introduction to Physical Therapy	LEC	LE	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:									
				COURSE DESC: Designed for those students who are considering physical therapy as a career option. Presentations and topics of discussion will provide the student with an understanding of the physical therapy profession and the requirements for entry into the profession.									
HSP	RCS	PT	2591	Introductions to Physical Therapy Clinical Experience	LAB	LB	2	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Designed to provide direct observation and discussion of physical therapy evaluation and interventions in local clinics for undergraduate students seriously considering physical therapy as a career.									
HSP	RCS	PT	2591	Introductions to Physical Therapy Clinical Experience	LEC	LE	2	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Designed to provide direct observation and discussion of physical therapy evaluation and interventions in local clinics for undergraduate students seriously considering physical therapy as a career.									
HSP	RCS	PT	2900	Special Topics in Physical Therapy	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	2900	Special Topics in Physical Therapy	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	6300	Advanced Anatomy and Pathology of the Musculoskeletal System GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: Designed to expand the understanding of human anatomy with detailed dissection of the joints and joint pathology including the spine. Students will engage in cadaver dissection in conjunction with case studies pertaining to that specific area or region.	LAB	LB	3	0		I	G50		0
HSP	RCS	PT	6300	Advanced Anatomy and Pathology of the Musculoskeletal System GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: Designed to expand the understanding of human anatomy with detailed dissection of the joints and joint pathology including the spine. Students will engage in cadaver dissection in conjunction with case studies pertaining to that specific area or region.	LEC	EL	3	0		I	G50		0
HSP	RCS	PT	6300	Advanced Anatomy and Pathology of the Musculoskeletal System GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: Designed to expand the understanding of human anatomy with detailed dissection of the joints and joint pathology including the spine. Students will engage in cadaver dissection in conjunction with case studies pertaining to that specific area or region.	LEC	LE	3	0		I	G50		0
HSP	RCS	PT	6310	Advanced Upper Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This is a didactic and lab based course designed to focus on the evaluation and treatment of the cervical spine, temporomandibular joint (TMJ), thoracic spine and upper extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques and integrated treatment approaches. Will provide physical therapists with the knowledge and hands-on skills needed to optimize patient outcomes.	LAB	LB	3	0		I	G50		0
HSP	RCS	PT	6310	Advanced Upper Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This is a didactic and lab based course designed to focus on the evaluation and treatment of the cervical spine, temporomandibular joint (TMJ), thoracic spine and upper extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques and integrated treatment approaches. Will provide physical therapists with the knowledge and hands-on skills needed to optimize patient outcomes.	LEC	EL	3	0		I	G50		0
HSP	RCS	PT	6310	Advanced Upper Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This is a didactic and lab based course designed to focus on the evaluation and treatment of the cervical spine, temporomandibular joint (TMJ), thoracic spine and upper extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques and integrated treatment approaches. Will provide physical therapists with the knowledge and hands-on skills needed to optimize patient outcomes.	LEC	LE	3	0		I	G50		0
HSP	RCS	PT	6320	Advanced Lower Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This didactic and lab based course is designed to focus on the evaluation and treatment of the lumbar spine, sacroiliac joint, pelvic girdle, and lower extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques, and integrated treatment approaches. Will provide to physical therapists the knowledge and hands-on skills needed to optimize patient outcomes.	LAB	LB	3	0		I	G50		0
HSP	RCS	PT	6320	Advanced Lower Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This didactic and lab based course is designed to focus on the evaluation and treatment of the lumbar spine, sacroiliac joint, pelvic girdle, and lower extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques, and integrated treatment approaches. Will provide to physical therapists the knowledge and hands-on skills needed to optimize patient outcomes.	LEC	EL	3	0		I	G50		0
HSP	RCS	PT	6320	Advanced Lower Quarter Orthopedics GEC1: A-F REQUISITE: Admission to the Residency Program and permission required COURSE DESC: This didactic and lab based course is designed to focus on the evaluation and treatment of the lumbar spine, sacroiliac joint, pelvic girdle, and lower extremities. The student will receive information on advanced clinical evaluation and reasoning skills, manual and manipulative therapy techniques, and integrated treatment approaches. Will provide to physical therapists the knowledge and hands-on skills needed to optimize patient outcomes.	LEC	LE	3	0		I	G50		0
HSP	RCS	PT	6900	Special Topics in Physical Therapy GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
HSP	RCS	PT	6900	Special Topics in Physical Therapy GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7010	Anatomical Dissection for Physical Therapists	LAB	LB	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		This is a dissection-based, radiographic anatomical study of the spine, lower extremity, and upper extremity as related to physical therapy. A detailed lecture- and dissection-based anatomical study of the spine, upper and lower extremity, thorax, head, and neck regions, as well as the abdominopelvic region as related to physical therapy. Basic and applied gross anatomical information, including clinical problems of anatomy commonly encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7010	Anatomical Dissection for Physical Therapists	LEC	EL	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		This is a dissection-based, radiographic anatomical study of the spine, lower extremity, and upper extremity as related to physical therapy. A detailed lecture- and dissection-based anatomical study of the spine, upper and lower extremity, thorax, head, and neck regions, as well as the abdominopelvic region as related to physical therapy. Basic and applied gross anatomical information, including clinical problems of anatomy commonly encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7010	Anatomical Dissection for Physical Therapists	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		This is a dissection-based, radiographic anatomical study of the spine, lower extremity, and upper extremity as related to physical therapy. A detailed lecture- and dissection-based anatomical study of the spine, upper and lower extremity, thorax, head, and neck regions, as well as the abdominopelvic region as related to physical therapy. Basic and applied gross anatomical information, including clinical problems of anatomy commonly encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7011	Anatomical Dissection of the Extremities for PT	LAB	LB	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This is a dissection-based anatomical study of the upper and lower extremities as related to physical therapy practice. A detailed lecture and gross anatomy dissection of the appendicular skeleton and its related articulations, muscles, nerves, and vascular supply as related to physical therapy. Fundamental and applied regional gross anatomical knowledge and basic function, including clinical correlations and standard clinical images of anatomy encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7011	Anatomical Dissection of the Extremities for PT	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This is a dissection-based anatomical study of the upper and lower extremities as related to physical therapy practice. A detailed lecture and gross anatomy dissection of the appendicular skeleton and its related articulations, muscles, nerves, and vascular supply as related to physical therapy. Fundamental and applied regional gross anatomical knowledge and basic function, including clinical correlations and standard clinical images of anatomy encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7012	Anatomical Dissection of the Spine and Trunk for PT	LAB	LB	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This is a dissection-based anatomical study of the head, neck, spine and trunk as related to physical therapy practice. A detailed lecture and gross anatomy dissection of the axial skeleton, cardiothoracic and abdominopelvic regions and related articulations, muscles, nerves, and vascular supply as related to physical therapy. Fundamental and applied regional gross anatomical knowledge and basic function, including clinical correlations and standard clinical images of anatomy encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7012	Anatomical Dissection of the Spine and Trunk for PT	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This is a dissection-based anatomical study of the head, neck, spine and trunk as related to physical therapy practice. A detailed lecture and gross anatomy dissection of the axial skeleton, cardiothoracic and abdominopelvic regions and related articulations, muscles, nerves, and vascular supply as related to physical therapy. Fundamental and applied regional gross anatomical knowledge and basic function, including clinical correlations and standard clinical images of anatomy encountered by the physical therapist, will be presented in lecture followed by dissection and identification of relevant structures in the laboratory.									
HSP	RCS	PT	7030	Clinical Skills and Examination I	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		For physical therapists focuses on functional anatomy, bony and soft tissue palpation, goniometry, manual muscle testing, joint motion analysis, and whole body postural alignment examination.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7030	Clinical Skills and Examination I	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		For physical therapists focuses on functional anatomy, bony and soft tissue palpation, goniometry, manual muscle testing, joint motion analysis, and whole body postural alignment examination.									
HSP	RCS	PT	7030	Clinical Skills and Examination I	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the DPT program									
		COURSE DESC:		For physical therapists focuses on functional anatomy, bony and soft tissue palpation, goniometry, manual muscle testing, joint motion analysis, and whole body postural alignment examination.									
HSP	RCS	PT	7031	Clinical Skills and Examination I: Foundations	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This course will provide the foundation in functional anatomy for the physical therapy student. Emphasis will be placed on the analysis of functional and dysfunctional movement patterns at individual joints and with complex motion.									
HSP	RCS	PT	7032	Clinical Skills and Examination I: Applications	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to the PT program									
		COURSE DESC:		This course provides an introduction to the physical therapy examination of bony and soft tissue palpation, goniometry, and manual muscle testing. Emphasis will be placed on technique development.									
HSP	RCS	PT	7040	Clinical Skills and Examination II	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7030									
		COURSE DESC:		Describes fundamentals of the physical therapy patient care management process, clinical decision making model, and tests and measures across the disablement model. Students develop history-taking skills, conduct a review of systems, organize physical examination sequence, conduct gait analysis, and apply fundamental patient care mobility skills including gait training and assisted transfers.									
HSP	RCS	PT	7040	Clinical Skills and Examination II	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7030									
		COURSE DESC:		Describes fundamentals of the physical therapy patient care management process, clinical decision making model, and tests and measures across the disablement model. Students develop history-taking skills, conduct a review of systems, organize physical examination sequence, conduct gait analysis, and apply fundamental patient care mobility skills including gait training and assisted transfers.									
HSP	RCS	PT	7041	Clinical Skills and Examination II: Foundations	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7031 and PT 7032									
		COURSE DESC:		This course presents fundamentals of the physical therapy patient care management process, clinical decision making model, and tests and measures across the disablement model. Normal/pathological gait and posture biomechanics will be discussed.									
HSP	RCS	PT	7042	Clinical Skills and Examination II: Applications	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7031 and PT 7032									
		COURSE DESC:		This course will focus on the development of the fundamental skills involved with physical therapy patient care management. Emphasis will be placed on patient examination and treatment techniques related to patient mobility, transfers, posture, gait training, and activities of daily living. Kinematic and kinetic motion analysis will be integrated into the evaluation process.									
HSP	RCS	PT	7110	Clinical Science: Pathophysiology	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7011									
		COURSE DESC:		Deals with application of physiological principles to the study of disease and injury, with particular attention to cellular injury, inflammation and repair, and immunity. Emphasis on implications of pathophysiology for physical therapy evaluation and treatment. General principles of pathophysiology will be applied to specific examples in class. Subsequent courses in this curriculum will assume a working understanding of the concepts presented in this class. Will also prepare the student to treat patients with select systemic conditions, whether or not those conditions are the primary reason for physical therapy referral. Emphasis will be placed on identification of the patient with systemic pathologies requiring further consultation or referral to other healthcare providers.									

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HSP	RCS	PT	7110	Clinical Science: Pathophysiology	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7011						
				COURSE DESC:	Deals with application of physiological principles to the study of disease and injury, with particular attention to cellular injury, inflammation and repair, and immunity. Emphasis on implications of pathophysiology for physical therapy evaluation and treatment. General principles of pathophysiology will be applied to specific examples in class. Subsequent courses in this curriculum will assume a working understanding of the concepts presented in this class. Will also prepare the student to treat patients with select systemic conditions, whether or not those conditions are the primary reason for physical therapy referral. Emphasis will be placed on identification of the patient with systemic pathologies requiring further consultation or referral to other healthcare providers.								
HSP	RCS	PT	7111	Clinical Medicine in Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7011 and PT 7012						
				COURSE DESC:	This survey course of medical physiology provides students with an overview of basic cellular processes and their impact in disease models in several key organ systems: integumentary, renal, genitourinary (GU), hepato-biliary, and gastro-intestinal (GI). In-depth examination of the physiology of diabetes is included as an example of a multi-system disorder. Emphasis is placed on the role of the physical therapist in applying signs and symptoms in the differential diagnosis of musculoskeletal conditions within the scope of PT practice from those arising from impairments of other systems.								
HSP	RCS	PT	7120	Cardiopulmonary Conditions in Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7110						
				COURSE DESC:	This course provides the theoretical foundation for physical therapy evaluation and treatment of patients with cardiopulmonary conditions. Course content includes examination, evaluation of systems and clinical laboratory values, assessment and physiologic monitoring, discharge planning, determining patient equipment, and combating the effects of bed rest and deconditioning. Specific emphasis will be placed on evaluation, treatment, and management of the cardiovascular and pulmonary patient across all spectrums of care.								
HSP	RCS	PT	7130	Differential Diagnosis and Acute Care in Physical Therapy	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7110						
				COURSE DESC:	Provides students with an overview of topics from a cellular to a systems level. Gastrointestinal, genitourinary, hepatobiliary, renal, endocrine, and metabolic systems will be covered. Additionally, the role of physical therapy in acute care and the Intensive Care Unit (ICU) will be covered. For each topic area or system, the student will be presented with the pathophysiology focused at the cellular and tissue level. The role of physical therapists in differential diagnosis, by recognizing the signs and symptoms associated with impairments of the systems, will be presented. Prepares the student to identify the patient with systemic pathologies requiring further consultation or referral to other health care providers.								
HSP	RCS	PT	7130	Differential Diagnosis and Acute Care in Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7110						
				COURSE DESC:	Provides students with an overview of topics from a cellular to a systems level. Gastrointestinal, genitourinary, hepatobiliary, renal, endocrine, and metabolic systems will be covered. Additionally, the role of physical therapy in acute care and the Intensive Care Unit (ICU) will be covered. For each topic area or system, the student will be presented with the pathophysiology focused at the cellular and tissue level. The role of physical therapists in differential diagnosis, by recognizing the signs and symptoms associated with impairments of the systems, will be presented. Prepares the student to identify the patient with systemic pathologies requiring further consultation or referral to other health care providers.								
HSP	RCS	PT	7140	Pharmacology in Physical Therapy	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7110						
				COURSE DESC:	Discussion of pharmacology and its implication in physical therapy is the focus. Emphasis is on drug classifications and drug mechanisms of action.								
HSP	RCS	PT	7140	Pharmacology in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7110						
				COURSE DESC:	Discussion of pharmacology and its implication in physical therapy is the focus. Emphasis is on drug classifications and drug mechanisms of action.								
HSP	RCS	PT	7150	Imaging in Rehabilitation	LEC	EL	2	0		I	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Permission required and enrollment in a major within the College of Health Sciences and Professions.						
				COURSE DESC:	Medical imaging course which covers plain x-ray, MRI, functional MRI, CT scan, positron emission tomography (PET) scan, and ultrasound as related to rehabilitation.								
HSP	RCS	PT	7150	Imaging in Rehabilitation	LEC	LE	2	0		I	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Permission required and enrollment in a major within the College of Health Sciences and Professions.						
				COURSE DESC:	Medical imaging course which covers plain x-ray, MRI, functional MRI, CT scan, positron emission tomography (PET) scan, and ultrasound as related to rehabilitation.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7300	Clinical and Professional Orientation in Physical Therapy	LEC	LE	1	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Admission to the PT program						
				COURSE DESC:	This course is designed to introduce students to some of the professional role responsibilities and the processes and requirements for clinical education experiences. Beginning with profession expectations and history of the profession, the course provides foundational information on physical therapy practice. The students will begin their Professional Development portfolio. The latter portion of the course is focused on preparing the student for clinical experiences in the curriculum.								
HSP	RCS	PT	7301	Clinical and Professional Orientation in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Admission into the PT program						
				COURSE DESC:	This course introduces students to professional role responsibilities and the profession's core documents. Clinical education processes and requirements are discussed. Health Insurance Portability & Accountability Act (HIPAA), Bloodborne Pathogens, and Tuberculosis Transmission and Prevention trainings are completed. Foundational information related to legal, ethical, and professional behaviors, professional communication and cultural competence, and the history of the profession is provided. Students are also introduced to the Program's Professional Development Portfolio.								
HSP	RCS	PT	7310	Professional Communication and Documentation	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7030						
				COURSE DESC:	Provides foundational information on physical therapy practice including history, roles and responsibilities within the continuum of care and emphasizes professional communication, documentation skills, cultural competency, and educational practices for clients and families.								
HSP	RCS	PT	7310	Professional Communication and Documentation	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7030						
				COURSE DESC:	Provides foundational information on physical therapy practice including history, roles and responsibilities within the continuum of care and emphasizes professional communication, documentation skills, cultural competency, and educational practices for clients and families.								
HSP	RCS	PT	7311	Professional Communication and Documentation in PT	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7300 or 7301						
				COURSE DESC:	This course will focus on the development of professional written and oral communication skills, documentation skills, cultural competency, and educational practices for clients and families related to the practice of physical therapy.								
HSP	RCS	PT	7311	Professional Communication and Documentation in PT	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7300 or 7301						
				COURSE DESC:	This course will focus on the development of professional written and oral communication skills, documentation skills, cultural competency, and educational practices for clients and families related to the practice of physical therapy.								
HSP	RCS	PT	7400	Evidence-Based Practice in Physical Therapy	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Admission to the PT program						
				COURSE DESC:	Principles of evidence based practice will be discussed. Topics covered will be forms and hierarchy of evidence, searches using a variety of databases pertinent to physical therapy, formulating the research question, measurement, and basic research design. Emphasis will be placed on understanding and utilization of statistical methods as well as on acquiring the skills to critically analyze research.								
HSP	RCS	PT	7400	Evidence-Based Practice in Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	Admission to the PT program						
				COURSE DESC:	Principles of evidence based practice will be discussed. Topics covered will be forms and hierarchy of evidence, searches using a variety of databases pertinent to physical therapy, formulating the research question, measurement, and basic research design. Emphasis will be placed on understanding and utilization of statistical methods as well as on acquiring the skills to critically analyze research.								
HSP	RCS	PT	7500	Neuroanatomy for Physical Therapists	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7011 and PT 7012						
				COURSE DESC:	Neuroanatomical study of the human brain, brainstem, cranial nerves, and spinal cord is covered emphasizing function and clinical considerations relative to physical therapy.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7500	Neuroanatomy for Physical Therapists	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7011 and PT 7012 PR									
		COURSE DESC:		Neuroanatomical study of the human brain, brainstem, cranial nerves, and spinal cord is covered emphasizing function and clinical considerations relative to physical therapy.									
HSP	RCS	PT	7510	Neural Basis of Movement I: Systems and Behavioral Neuroscience	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7500 PR									
		COURSE DESC:		Covers a systems approach to neural basis of motor, sensory, cognitive, affective, and homeostatic processes that underlies behavior with emphasis on the motor control and motor learning of locomotion, postural control/balance, and skilled movement. Students will apply content to evaluating neural origins of movement dysfunction and the physiological basis for strategies to improve skilled motor performance.									
HSP	RCS	PT	7520	Physical Therapy Mgt of Brain Injury and Balance Disorders	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7510 PR									
		COURSE DESC:		Focuses on utilizing knowledge of neuroanatomy, motor control systems and motor learning concepts to the physical therapy examination, and evaluation and treatment of persons who have focal or diffuse lesions within the brain, such as stroke or traumatic brain injury. Focus is on a systems approach to clinical decision-making, functional retraining and case management.									
HSP	RCS	PT	7520	Physical Therapy Mgt of Brain Injury and Balance Disorders	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7510 PR									
		COURSE DESC:		Focuses on utilizing knowledge of neuroanatomy, motor control systems and motor learning concepts to the physical therapy examination, and evaluation and treatment of persons who have focal or diffuse lesions within the brain, such as stroke or traumatic brain injury. Focus is on a systems approach to clinical decision-making, functional retraining and case management.									
HSP	RCS	PT	7521	Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7500 and PT 7510 PR									
		COURSE DESC:		This course applies the knowledge of neuroanatomy and motor control systems to the physical therapy management of movement dysfunction which results from a focal or diffuse lesion, such as stroke or brain injury, in the central nervous system. Course content introduces the foundational characteristics and clinical presentation of focal and diffuse brain lesions, evidence-based systems approach to examination and assessment, and critical evaluation of treatment theory.									
HSP	RCS	PT	7521	Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7500 and PT 7510 PR									
		COURSE DESC:		This course applies the knowledge of neuroanatomy and motor control systems to the physical therapy management of movement dysfunction which results from a focal or diffuse lesion, such as stroke or brain injury, in the central nervous system. Course content introduces the foundational characteristics and clinical presentation of focal and diffuse brain lesions, evidence-based systems approach to examination and assessment, and critical evaluation of treatment theory.									
HSP	RCS	PT	7522	Clinical Applications for Management of Adult Stroke and Brain Injury in Physical Therapy	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7500 and PT 7510 PR									
		COURSE DESC:		Course content addresses the synthesis and application of didactic knowledge regarding clinical presentation of focal and diffuse brain lesions and movement dysfunctions after neurological insult. Course emphasizes the effective performance of a physical therapy examination and assessment. Design and implementation of task-specific and activity based prevention and interventions with the goal of promoting optimal functional recovery and neural reorganization is also covered.									
HSP	RCS	PT	7525	Balance and Vestibular Conditions in Physical Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7500 and 7510 PR									
		COURSE DESC:		Students will apply knowledge of motor control and motor learning theory to the physical therapy assessment and treatment of persons who have acute, chronic and/or degenerative neurologic conditions of the nervous system with an emphasis on the evaluation and treatment of balance and vestibular disorders in the context of central and peripheral lesions.									
HSP	RCS	PT	7530	Physical Therapy Management of Chronic and/or Progressive Disorders	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7520 PR									
		COURSE DESC:		Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7530	Physical Therapy Management of Chronic and/or Progressive Disorders	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7520 PR									
				COURSE DESC: Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									
HSP	RCS	PT	7530	Physical Therapy Management of Chronic and/or Progressive Disorders	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7520 PR									
				COURSE DESC: Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									
HSP	RCS	PT	7531	Foundations for Management of Chronic and/or Progressive Disability in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7521 and 7522 PR									
				COURSE DESC: Course presents knowledge of acute disease onset or disease progression, motor control and motor learning to the assessment and management of patients with chronic and/or progressive disease or injury of the spinal cord or brain. The course stresses the importance of timely intervention and prevention of secondary impairments, functional limitations, and disability over the course of illness or disease.									
HSP	RCS	PT	7532	Clinical Applications for Patients with Chronic and/or Progressive Disability in Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7521 and 7522 PR									
				COURSE DESC: Application of didactic knowledge of disease progression and clinical presentation to the assessment and management of patients with chronic and/or progressive disease or injury of the spinal cord or brain. Emphasis is placed on appropriate timing of recovery versus compensatory interventions for the purpose of retraining functional mobility. Students develop proficiency in the performance of evaluation and treatment techniques.									
HSP	RCS	PT	7540	Neural Synthesis	LAB	LB	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7530 PR									
				COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7540	Neural Synthesis	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7530 PR									
				COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7540	Neural Synthesis	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7530 PR									
				COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7650	Physical Therapy Management: Physical Agents	LAB	LB	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7110 PR									
				COURSE DESC: Students will be introduced to the theoretical constructs for the use of physical agents in the treatment of patients by physical therapists. Additionally, students will practice the application of both thermal and electric physical agents in the treatment and rehabilitation of orthopedic, neurological, and integumentary conditions.									
HSP	RCS	PT	7650	Physical Therapy Management: Physical Agents	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7110 PR									
				COURSE DESC: Students will be introduced to the theoretical constructs for the use of physical agents in the treatment of patients by physical therapists. Additionally, students will practice the application of both thermal and electric physical agents in the treatment and rehabilitation of orthopedic, neurological, and integumentary conditions.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7651	Physical Agents in Physical Therapy	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7111									
				COURSE DESC: This course focuses on the physical agents typically used in a physical therapy clinical environment. The biophysics of thermal and electro-therapeutic agents will be discussed. Emphasis will be placed on clinical decision making and psychomotor skills required to apply these physical agents in a safe and effective manner.									
HSP	RCS	PT	7655	Wound Care in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7651									
				COURSE DESC: This course introduces students to the role of physical therapists in the evaluation and treatment of disorders of the integumentary system, with a focus on chronic wounds. Principles and techniques of patient management are presented along with a discussion of appropriate therapeutic equipment (e.g., physical agents, dressings). In addition, the students will understand the pathophysiology associated with lymphedema and the commonly associated physical therapy treatment techniques.									
HSP	RCS	PT	7700	Tissue Mechanics	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7030									
				COURSE DESC: Discusses biological, histological and biomechanical principles of connective tissues, bone, and muscle as applied to physical examination and therapeutic exercise. There is presentation of medical imaging of the listed tissues as they appear on plane x-ray, MRI, fMRI, CT scan, PET/SPECT scan, and ultrasound as related to physical therapy practice. Basic principles of exercise prescription will be discussed to achieve optimal outcomes for the patient based on the pathology, biomechanical principles of tissues, impairment, and the desired level of performance.									
HSP	RCS	PT	7700	Tissue Mechanics	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7030									
				COURSE DESC: Discusses biological, histological and biomechanical principles of connective tissues, bone, and muscle as applied to physical examination and therapeutic exercise. There is presentation of medical imaging of the listed tissues as they appear on plane x-ray, MRI, fMRI, CT scan, PET/SPECT scan, and ultrasound as related to physical therapy practice. Basic principles of exercise prescription will be discussed to achieve optimal outcomes for the patient based on the pathology, biomechanical principles of tissues, impairment, and the desired level of performance.									
HSP	RCS	PT	7700	Tissue Mechanics	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7030									
				COURSE DESC: Discusses biological, histological and biomechanical principles of connective tissues, bone, and muscle as applied to physical examination and therapeutic exercise. There is presentation of medical imaging of the listed tissues as they appear on plane x-ray, MRI, fMRI, CT scan, PET/SPECT scan, and ultrasound as related to physical therapy practice. Basic principles of exercise prescription will be discussed to achieve optimal outcomes for the patient based on the pathology, biomechanical principles of tissues, impairment, and the desired level of performance.									
HSP	RCS	PT	7701	Tissue Mechanics: Non-contractile Tissues	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7011 and PT 7012									
				COURSE DESC: This course presents the biological, histological, and biomechanical principles of connective tissues and bone through the normal human growth, development, and aging cycle. Tissue assessment and response to injury, typically used medications, and interventions are discussed. Emphasis is placed on the principles of exercise prescription to achieve optimal outcomes for the patient based on the pathology, impairment, and the desired level of performance.									
HSP	RCS	PT	7701	Tissue Mechanics: Non-contractile Tissues	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7011 and PT 7012									
				COURSE DESC: This course presents the biological, histological, and biomechanical principles of connective tissues and bone through the normal human growth, development, and aging cycle. Tissue assessment and response to injury, typically used medications, and interventions are discussed. Emphasis is placed on the principles of exercise prescription to achieve optimal outcomes for the patient based on the pathology, impairment, and the desired level of performance.									
HSP	RCS	PT	7702	Tissue Mechanics: Contractile Tissue and Therapeutic Exercise	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7031 and PT 7032									
				COURSE DESC: The biological, histological and biomechanical principles of skeletal muscle as applied to physical examination and therapeutic exercise. Basic principles of exercise prescription will be discussed to achieve optimal outcomes for the patient based on the pathology, biomechanical principles of tissues, impairment, and the desired level of performance.									
HSP	RCS	PT	7710	Orthopedics I: Upper Quarter	LAB	LB	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7700									
				COURSE DESC: Focuses on orthopedic examination and treatment of the upper quarter of the musculoskeletal system, as well as a brief introduction to the cervical spine. Designed around the understanding of and subsequent application of the anatomy, mechanics, pathomechanics, pathology, surgical intervention, and rehabilitation to physical therapy case studies involving the upper quarter. Content includes orthopedic evaluation skills, advanced skill development in special tests, introduction to manual therapy of the extremities, and development of appropriate exercise programs.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7710	Orthopedics I: Upper Quarter	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7700									
		COURSE DESC:		PR Focuses on orthopedic examination and treatment of the upper quarter of the musculoskeletal system, as well as a brief introduction to the cervical spine. Designed around the understanding of and subsequent application of the anatomy, mechanics, pathomechanics, pathology, surgical intervention, and rehabilitation to physical therapy case studies involving the upper quarter. Content includes orthopedic evaluation skills, advanced skill development in special tests, introduction to manual therapy of the extremities, and development of appropriate exercise programs.									
HSP	RCS	PT	7711	Foundations of Orthopedics for the Upper Quarter in Physical Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7701 and PT 7702									
		COURSE DESC:		PR This course emphasizes the evaluation and treatment of common musculoskeletal problems of the shoulder, elbow, wrist, and hand. The course is designed around the understanding of and subsequent application to case studies of the anatomy, mechanics, pathomechanics, pathology, surgical intervention, and rehabilitation involving the upper quarter using an evidenced-based approach.									
HSP	RCS	PT	7712	Clinical Applications for the Upper Quarter in Physical Therapy	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7701 and PT 7702									
		COURSE DESC:		PR This course emphasizes the development of clinical evaluation and treatment skills used by the physical therapist in the care of clients with musculoskeletal problems of the shoulder, elbow, wrist and hand. Critical thinking and differential diagnosis skills are developed in conjunction with the assessment and treatment process. Evaluation and treatment are presented in the context of the contemporary healthcare and reimbursement systems									
HSP	RCS	PT	7720	Orthopedics II: Lower Quarter	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7700									
		COURSE DESC:		PR Focuses on orthopedic examination and treatment of the lower quarter of the musculoskeletal system for physical therapists. It emphasizes common musculoskeletal problems of the hip, knee, ankle, and foot and includes a brief introduction to the pelvis and lumbar spine as it relates to lower quarter function. Designed around the understanding of and subsequent application of anatomy, mechanics, pathomechanics, pathology, surgical intervention, and rehabilitation to case studies involving the lower quarter. Orthopedic evaluation skills, advanced skill development in special tests, introduction to manual therapy of the extremities, and development of appropriate exercise programs will be included.									
HSP	RCS	PT	7720	Orthopedics II: Lower Quarter	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7700									
		COURSE DESC:		PR Focuses on orthopedic examination and treatment of the lower quarter of the musculoskeletal system for physical therapists. It emphasizes common musculoskeletal problems of the hip, knee, ankle, and foot and includes a brief introduction to the pelvis and lumbar spine as it relates to lower quarter function. Designed around the understanding of and subsequent application of anatomy, mechanics, pathomechanics, pathology, surgical intervention, and rehabilitation to case studies involving the lower quarter. Orthopedic evaluation skills, advanced skill development in special tests, introduction to manual therapy of the extremities, and development of appropriate exercise programs will be included.									
HSP	RCS	PT	7721	Foundations of Orthopedics for the Lower Quarter	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7041 and 7042									
		COURSE DESC:		PR This course focuses on the physical therapy evaluation and treatment of lower extremity conditions (hip, knee, lower leg, ankle, and foot) from an evidence-based perspective. Conservative approaches, surgical, and non-traditional approaches to lower extremity assessment and care will be discussed.									
HSP	RCS	PT	7722	Clinical Applications for the Lower Quarter	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7041 and 7042									
		COURSE DESC:		PR This course emphasizes the development of clinical evaluation and treatment skills used by the physical therapist in the care of clients with lower extremity pain and dysfunction. Regional areas of emphasis include the hip, knee, lower leg, ankle, and foot. Critical thinking and differential diagnosis skills are developed in conjunction with the assessment and treatment process. Evaluation and treatment are presented in the context of the contemporary healthcare and reimbursement systems.									
HSP	RCS	PT	7730	Orthopedics III: Spine	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7720									
		COURSE DESC:		PR Focuses on the orthopedic examination and treatment of the spine for physical therapists. Manual skills and appropriate exercise programs for the spine will be developed.									
HSP	RCS	PT	7730	Orthopedics III: Spine	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7720									
		COURSE DESC:		PR Focuses on the orthopedic examination and treatment of the spine for physical therapists. Manual skills and appropriate exercise programs for the spine will be developed.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7731	Foundations of Orthopedics for the Spine	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7721 and PT 7722									
				COURSE DESC: This course focuses on the physical therapy evaluation and treatment of spinal conditions (SIJ, lumbar, thoracic, and cervical) as well as TMJ dysfunction from an evidence-based perspective. Conservative approaches, surgical, and non-traditional approaches to spinal assessment and care will be discussed.									
HSP	RCS	PT	7732	Clinical Applications for the Spine	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7721 and PT 7722									
				COURSE DESC: This course emphasizes the development of clinical evaluation and treatment skills used by the physical therapist in the care of clients with spinal pain (SIJ, lumbar, thoracic, and cervical) or TMJ dysfunction. Critical thinking and differential diagnosis skills are developed in conjunction with the assessment and treatment process. Evaluation and treatment are presented in the context of the contemporary healthcare and reimbursement systems.									
HSP	RCS	PT	7810	Service Learning in Physical Therapy	LAB	LB	1 to 2	2		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PT 7030 and 7040									
				COURSE DESC: Designed for physical therapy students who desire to perform service learning under the mentorship of faculty. It may include presentations on various topics to special groups, helping to treat patients with a faculty member, or providing screenings/services under the direction of a faculty member.									
HSP	RCS	PT	7901	Critical Analysis and Presentation of Scientific Studies	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7400									
				COURSE DESC: Continues development of the student's ability to critically analyze published biomedical scientific studies and to review scientific writing/presentation relative to a research project.									
HSP	RCS	PT	7920	Integrated Clinical Experience in Physical Therapy	PRA	PR	1	3		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: PT 7300									
				COURSE DESC: Provides students with a part-time clinical experience under the supervision of clinical faculty during which they practice skills previously learned in the classroom.									
HSP	RCS	PT	7930	Independent Study	IND	IS	1 to 4	12		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Admission to the DPT program									
				COURSE DESC: Students will work with physical therapy faculty and/or staff on the completion of an independent study contract related to the student's particular interest.									
HSP	RCS	PT	8150	Physical Therapy Complex Case Synthesis	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7130									
				COURSE DESC: Incorporates skills and knowledge from multiple disciplines as well as from previous and concomitant courses, including legal and ethical issues, to address clinical decision-making in complex patients in a problem-based learning format.									
HSP	RCS	PT	8150	Physical Therapy Complex Case Synthesis	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7130									
				COURSE DESC: Incorporates skills and knowledge from multiple disciplines as well as from previous and concomitant courses, including legal and ethical issues, to address clinical decision-making in complex patients in a problem-based learning format.									
HSP	RCS	PT	8320	Regulation and Reimbursement in Physical Therapy	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7310 or 7311									
				COURSE DESC: Focuses on reimbursement of physical therapy services and federal and state regulations within the healthcare setting.									
HSP	RCS	PT	8320	Regulation and Reimbursement in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7310 or 7311									
				COURSE DESC: Focuses on reimbursement of physical therapy services and federal and state regulations within the healthcare setting.									
HSP	RCS	PT	8330	Planning and Implementing a Physical Therapy Service	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7310 or 7311									
				COURSE DESC: Provides basic knowledge and skills needed to plan and implement a physical therapy service. Topics include organizational theory and design, as well as planning for space, risk management, personnel, budget needs, and legal issues related to managing a PT service.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8330	Planning and Implementing a Physical Therapy Service	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7310 or 7311						
				COURSE DESC:	Provides basic knowledge and skills needed to plan and implement a physical therapy service. Topics include organizational theory and design, as well as planning for space, risk management, personnel, budget needs, and legal issues related to managing a PT service.								
HSP	RCS	PT	8340	Management, Leadership, and Ethical and Legal Practice in Physical Therapy	LEC	LE	5	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 8330						
				COURSE DESC:	Topics include management styles, negotiation, licensing of health professionals, the state practice act, the American Physical Therapy Association (APTA), the Federation of State Boards of Physical Therapy (FSBPT), leadership definition and experiential learning in professional leadership, and analysis of conetemporary issues in physical therapy practice. Ethical practice, including the Code of Ethics for Physical Therapists, and an ethical decision-making model will also be discussed.								
HSP	RCS	PT	8341	Synthesis of Professional Development in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 8330						
				COURSE DESC:	This course is designed to engage students at the culmination of their professional development as a student physical therapist. This course covers current select professional, legal, and ethical issues in physical therapy practice. Students will reflect and discuss their various professional and service-learning experiences throughout the physical therapy curriculum and the impact of these on their own professional development. Additionally, career planning and lifelong professional planning are approached through the completion of their professional portfolio.								
HSP	RCS	PT	8410	Physical Therapy Management of Pediatric Disorders	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7530						
				COURSE DESC:	Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.								
HSP	RCS	PT	8410	Physical Therapy Management of Pediatric Disorders	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7530						
				COURSE DESC:	Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.								
HSP	RCS	PT	8410	Physical Therapy Management of Pediatric Disorders	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7530						
				COURSE DESC:	Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.								
HSP	RCS	PT	8411	Foundations of Pediatric Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7521 and 7522						
				COURSE DESC:	This course will cover risk factors associated with the management of children with select neuromuscular and musculoskeletal disorders that arise in the prenatal, perinatal, and postnatal development of the infant and child. Topics include physical therapy examination, diagnosis, prognosis, and the theoretical foundations for interventions with the pediatric client.								
HSP	RCS	PT	8412	Clinical Applications for Pediatric Physical Therapy	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F,	REQUISITE:	PT 7521 and 7522						
				COURSE DESC:	This course will present practical knowledge and experience in the evaluation and intervention of pediatric patients/clients with select neuromuscular and musculoskeletal disorders. Students will have the opportunity to implement commonly used assessment tools and to develop handling skills for the pediatric patient/client.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8500	Health Promotion and Wellness	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7120									
				COURSE DESC: PR Students will learn to motivate clients to participate in prevention and wellness efforts throughout the aging process and to differentiate this approach from traditional physical therapy practice. The development, implementation, and assessment of health promotion and wellness programs will be discussed.									
HSP	RCS	PT	8500	Health Promotion and Wellness	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7120									
				COURSE DESC: PR Students will learn to motivate clients to participate in prevention and wellness efforts throughout the aging process and to differentiate this approach from traditional physical therapy practice. The development, implementation, and assessment of health promotion and wellness programs will be discussed.									
HSP	RCS	PT	8510	Rehabilitation Management: Functional Support Mechanisms	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7120									
				COURSE DESC: PR Methods to maximize function will be discussed including orthotic support for upper extremity, lower extremity and trunk, prosthetic devices and pre-prosthetic care, assistive technology, durable medical equipment, wheelchair prescription, and home evaluation and modification for adults and children.									
HSP	RCS	PT	8610	Physical Therapy Advanced Evaluation and Treatment in Low Back Pain	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732									
				COURSE DESC: PR Explores the McKenzie method of treatment for low back pain. Mechanical Diagnosis and Therapy (MDT) is a philosophy of treatment that relies on active patient involvement. Taught by a certified MDT Instructor.									
HSP	RCS	PT	8610	Physical Therapy Advanced Evaluation and Treatment in Low Back Pain	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732									
				COURSE DESC: PR Explores the McKenzie method of treatment for low back pain. Mechanical Diagnosis and Therapy (MDT) is a philosophy of treatment that relies on active patient involvement. Taught by a certified MDT Instructor.									
HSP	RCS	PT	8620	Evaluation and Treatment of the Temporomandibular Joint	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7730									
				COURSE DESC: PR Current concepts of the temporomandibular joint (TMJ) normal anatomy and function, physical therapy evaluation and treatment, and medical/dental interventions will be presented. Topics will be related to current clinical practice and research supported practices.									
HSP	RCS	PT	8620	Evaluation and Treatment of the Temporomandibular Joint	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7730									
				COURSE DESC: PR Current concepts of the temporomandibular joint (TMJ) normal anatomy and function, physical therapy evaluation and treatment, and medical/dental interventions will be presented. Topics will be related to current clinical practice and research supported practices.									
HSP	RCS	PT	8620	Evaluation and Treatment of the Temporomandibular Joint	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7730									
				COURSE DESC: PR Current concepts of the temporomandibular joint (TMJ) normal anatomy and function, physical therapy evaluation and treatment, and medical/dental interventions will be presented. Topics will be related to current clinical practice and research supported practices.									
HSP	RCS	PT	8630	Biomechanical Foot Evaluation and Treatment in Physical Therapy	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732									
				COURSE DESC: PR Reviews the biomechanical evaluation of the foot and ankle as well as the prescription of foot orthotics to treat various gait dysfunctions.									
HSP	RCS	PT	8630	Biomechanical Foot Evaluation and Treatment in Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732									
				COURSE DESC: PR Reviews the biomechanical evaluation of the foot and ankle as well as the prescription of foot orthotics to treat various gait dysfunctions.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8650	Sports Physical Therapy	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8650	Sports Physical Therapy	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8660	Physical Therapy Management of Women's Health	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8660	Physical Therapy Management of Women's Health	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8740	Physical Therapy Seminar	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8760	Manual Therapy I	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8760	Manual Therapy I	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8760	Manual Therapy I	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8761	Manual Therapy for the Extremities	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8770	Manual Therapy II	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8770	Manual Therapy II	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	RCS	PT	8770	Manual Therapy II	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8771	Manual Therapy for the Spine	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 8761									
				COURSE DESC: Theories of manual therapy relative to spinal musculoskeletal conditions are presented. Course focuses on skill development for soft tissue and joint techniques, treatment planning, and efficacy and efficiency of treatments relative to physical therapy practice.									
HSP	RCS	PT	8900	Special Topics in Physical Therapy	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	8900	Special Topics in Physical Therapy	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	8901	Clinical Workshops in Physical Therapy	LEC	EL	1 to 3	3		I	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required									
				COURSE DESC: Various topics in physical therapy will be examined.									
HSP	RCS	PT	8901	Clinical Workshops in Physical Therapy	LEC	LE	1 to 3	3		I	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required									
				COURSE DESC: Various topics in physical therapy will be examined.									
HSP	RCS	PT	8902	Advanced Neuroscience Seminar	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7532 and 8761									
				COURSE DESC: Explores topics in neuroscience, particularly new scientific discoveries that can be important to management in physical therapy.									
HSP	RCS	PT	8903	Advanced Pediatrics for Physical Therapists	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 8411 and 8412									
				COURSE DESC: Provides additional knowledge and skills in selected areas of pediatric physical therapy.									
HSP	RCS	PT	8904	Orthopedics in Physical Therapy: Seminar	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732									
				COURSE DESC: Continues the student's theoretical knowledge of orthopedic physical therapy through critical review of current literature.									
HSP	RCS	PT	8905	Interdisciplinary Seminar in Patient Care	SEM	SE	2	0		I	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required									
				COURSE DESC: Emphasizes patient case scenarios and the role that various professionals play in the health care of the simulated patient. The professions may include, but is not limited to the following: nursing, physical therapy, occupational therapy, speech language pathologists, audiologists, dieticians, health care administrators, exercise physiologists, family studies, and athletic trainers.									
HSP	RCS	PT	8906	Amplitude Specific Training for Parkinson's Disease	LEC	LE	1	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7531 and 7532									
				COURSE DESC: This course presents an intensive whole body amplitude-based training protocol for individuals with Parkinson's disease. The research and clinical rationale for this treatment approach is discussed. Portions of the course are spent on developing treatment skills designed to drive neural restoration and adaptation.									
HSP	RCS	PT	8907	Analysis and Treatment of the Running Athlete	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7721 and PT 7722									
				COURSE DESC: This course is designed to build on and enhance the student's theoretical knowledge and experience in working with orthopedic and athletic populations. Advanced movement analysis is used as a foundation for client evaluation and treatment. Emphasis is placed on a multi-disciplinary approach to the management of the runner incorporating knowledge of coaching philosophy and physiologic demands.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8908	Advanced Balance and Vestibular Care in Physical Therapy	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7525 PR									
		COURSE DESC:		The physical therapy student gains advanced knowledge and skills in vestibular rehabilitation that are beyond entry-level expectations as described by the American Physical Therapy Association's (APTA) guidelines. Topics include surgical and pharmacological management of vestibular disorders, advanced vestibular function tests, interpretation of videonystagmography (VNG), and less common vestibular diagnoses.									
HSP	RCS	PT	8920	Clinical Practicum I	PRA	PR	5	10		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 7920 and completion of 50% of Professional Development portfolio hours PR, F									
		COURSE DESC:		Provides students with a supervised experience at a selected acute care or outpatient orthopedic clinical site. Students are given the opportunity to develop basic clinical skills in assessment and management of patients with elementary clinical conditions under the direct supervision of clinical faculty.									
HSP	RCS	PT	8921	Clinical Practicum II	PRA	PR	10	20		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 8920 PR, F									
		COURSE DESC:		Provides students with a supervised clinical experience at a selected acute care, outpatient orthopedic or neurologic rehabilitation clinical site different from previously used. Students will develop intermediate-level clinical skills in the assessment and management of patients with more complex conditions. Patients with integumentary or cardiopulmonary disorders may also be encountered.									
HSP	RCS	PT	8922	Clinical Practicum III	PRA	PR	6	0		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 8921 PR, F									
		COURSE DESC:		Provides students with a supervised experience at a selected acute care, outpatient orthopedic, neurological rehabilitation, or pediatric clinical site. Students are given the opportunity to develop more advanced clinical skills in assessment and management of patients with conditions related to the area of practice under the direct supervision of clinical faculty.									
HSP	RCS	PT	8923	Clinical Practicum IV	PRA	PR	6	0		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 8921 PR, F									
		COURSE DESC:		Provides students with a supervised period of study at a selected clinical site emphasizing complex patient problems. Students are given the opportunity to develop advanced clinical skills in assessment, decision-making, and management of patients under the direct supervision of clinical faculty.									
HSP	RCS	PT	8924	Extended Terminal Clinical Practicum	PRA	PR	12	24		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 8921 PR, F									
		COURSE DESC:		This course provides students with an extended supervised period of intensive study at a selected clinical site emphasizing advanced skills and complex patients. Since this is an extended terminal practicum, advanced entry-level learning opportunities related to professional development, patient/client management and practice management are provided.									
HSP	RCS	PT	8940	Research/Capstone	RSC	RS	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PT 7400 PR, F									
		COURSE DESC:		The student has a mentoring relationship with a faculty member concerning the student's chosen research topic.									

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HSP	RSP	PAW	4XXL	400LEVEL TRANSFER	LEC		1 to 999	999		N			0
		ELIGIBLE GRADES:		Transfer									
		COURSE DESC:		Grading Basis									
				REQUISITE:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	2000	Fundamentals in Child and Family Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2720) and (child and family studies major) and Soph Designed for students who have a declared major in Child and Family Studies with a concentration in either Child, Adult, and Family Services or in Family Gerontology. Students assess and develop the basic skills and attitudes needed as professionals working with children, families, and/or older adults in a variety of human services settings. The course includes exploration of professional opportunities in family and community service work, and in working with older adults.									
HSP	SPH	CFS	2100	Fundamentals in Child Life and Pediatric Health Care Settings	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2720) and (child and family studies major) and Soph Provides an overview of the child life specialist profession, its mission, core principles, and competencies necessary for professional certification. Introduces and examines history of the profession, professional expectations, ethical guidelines, and roles and responsibilities of a child life specialist. Includes exploration of professional opportunities within pediatric health care settings (e.g. pediatric hospice/palliative care, children's wish organizations, bereavement centers, diagnosis specific agencies, and others) as professionals who will work with children and families navigating a health care crisis and/or experience.									
HSP	SPH	CFS	2700	Intimate and Family Relationships	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Explores human relationship processes leading to a variety of marriage and family experiences over the life span. The importance of cultural contexts and individual values, styles, and decision-making will be considered as they relate to relationship processes.									
HSP	SPH	CFS	2710	Individuals and Families Over the Lifespan	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: The purpose is to study the individual and family from a family and individual life span perspective. A variety of theoretical frameworks and perspectives will be reviewed, including life span developmental theory. Current research in the field of family science and child development will be surveyed.									
HSP	SPH	CFS	2720	Aging and Family Relations in Modern Society	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PSY 3420 This introductory course provides a foundational overview of gerontological concepts by exploring the processes and meanings of "growing old" in today's society. Specifically, attention is given to understanding how developmental and life course aspects influence the aging experience and inform individual, familial, and societal conceptions of and actions concerning old age. This cultivates a richer insight into, and an appreciation for, the significance of older persons in shaping family and societal dynamics.									
HSP	SPH	CFS	2720	Aging and Family Relations in Modern Society	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PSY 3420 This introductory course provides a foundational overview of gerontological concepts by exploring the processes and meanings of "growing old" in today's society. Specifically, attention is given to understanding how developmental and life course aspects influence the aging experience and inform individual, familial, and societal conceptions of and actions concerning old age. This cultivates a richer insight into, and an appreciation for, the significance of older persons in shaping family and societal dynamics.									
HSP	SPH	CFS	2900	Special Topics in Child and Family Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
HSP	SPH	CFS	2900	Special Topics in Child and Family Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.									
HSP	SPH	CFS	2980	Introduction to Child Life and Field Experience	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (child and family studies major) Provides an overview of the child life specialist profession, its mission, core principles, and areas of competencies necessary for professional certification. Introduces and examines history of the profession, professional expectations, ethical guidelines, and roles and responsibilities of a child life specialist. In addition, students will develop personal and professional competencies by participating in a 75-hour field experience related to the child life profession.									
HSP	SPH	CFS	2980	Introduction to Child Life and Field Experience	PRA	PR	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (child and family studies major) Provides an overview of the child life specialist profession, its mission, core principles, and areas of competencies necessary for professional certification. Introduces and examines history of the profession, professional expectations, ethical guidelines, and roles and responsibilities of a child life specialist. In addition, students will develop personal and professional competencies by participating in a 75-hour field experience related to the child life profession.									
HSP	SPH	CFS	2990	Introduction to Child and Family Studies and Field Experience	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (child and family studies major) The purpose is to help students who have a declared major in child and family studies (who are not seeking the child life concentration) to assess and develop the basic skills and attitudes needed as professionals in their chosen fields. Student will have exposure to professionals as well as develop a plan for their professional and personal growth. In addition, students will develop personal and professional competencies by participating in a 75-hour field experience related to child and family studies.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	2990	Introduction to Child and Family Studies and Field Experience	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CFS 2700 and 2710) and (child and family studies major) The purpose is to help students who have a declared major in child and family studies (who are not seeking the child life concentration) to assess and develop the basic skills and attitudes needed as professionals in their chosen fields. Student will have exposure to professionals as well as develop a plan for their professional and personal growth. In addition, students will develop personal and professional competencies by participating in a 75-hour field experience related to child and family studies.									
HSP	SPH	CFS	3601	Human Sexualities	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Jr or Sr An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									
HSP	SPH	CFS	3601	Human Sexualities	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Jr or Sr An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									
HSP	SPH	CFS	3800	Death, Dying and Bereavement	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Jr or Sr Students will explore the meaning of death, dying, and bereavement from a variety of contemporary perspectives. Class members will have the opportunity to examine both societal and professional issues relating to death, dying, and bereavement, as well as their own personal attitudes about death.									
HSP	SPH	CFS	3810	Research Design and Program Evaluation	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CFS 2980 or 2990) Introduction to applied research methods as used in community programs for children and families including review and application of existing research literature, conducting program needs assessments, and evaluating processes and outcomes of existing programs. Designed to provide the skills necessary to use existing research and generate new data to benefit programs.									
HSP	SPH	CFS	3920	Child and Family Studies Practicum	PRA	PR	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CFS 2000 or 2100 or 2980 or 2990 Students develop personal and professional competencies by participating in a 75-hour practicum relevant to the three Child and Family Studies concentrations. Students interact with professionals and develop a plan for their professional and personal growth. Course includes a weekly seminar that integrates practicum work into course discussions and assignments.									
HSP	SPH	CFS	3920	Child and Family Studies Practicum	SEM	SE	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CFS 2000 or 2100 or 2980 or 2990 Students develop personal and professional competencies by participating in a 75-hour practicum relevant to the three Child and Family Studies concentrations. Students interact with professionals and develop a plan for their professional and personal growth. Course includes a weekly seminar that integrates practicum work into course discussions and assignments.									
HSP	SPH	CFS	4070	Interprofessional Gerontology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CFS 2720 and (Jr or Sr) Focuses on interprofessional gerontology/geriatrics with health care providers in rural settings. Emphasis on how to be effective team members when working with the elderly. Addresses role and functions of health care professional teams. Course satisfies the College of Health Sciences and Professions interprofessional education (IPE) requirement.									
HSP	SPH	CFS	4590	Child and Family Studies Course in International Service	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Permission required For child and family studies majors who are completing international service.									
HSP	SPH	CFS	4600	Children, Families, and Diversity	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CFS 2700 and 2710) and (Jr or Sr) Explores diversity among children, adults, families, and society. Students will explore the role of gender, race/ethnicity, and social class in influencing individual life as well as family structures and processes. Both similarity and diversity among families will be emphasized as the foundation for research, practice, and social policy.									
HSP	SPH	CFS	4600	Children, Families, and Diversity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CFS 2700 and 2710) and (Jr or Sr) Explores diversity among children, adults, families, and society. Students will explore the role of gender, race/ethnicity, and social class in influencing individual life as well as family structures and processes. Both similarity and diversity among families will be emphasized as the foundation for research, practice, and social policy.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	4602	Professional Assessment and Helping Skills	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Sr						
		COURSE DESC:		This is the child and family studies capstone course in the assessment of children, individuals, couples and families, and the acquisition of helping skills needed to facilitate these processes; all necessary in preparing students for their final internship experience. It is designed to help students acquire practical helping skills, techniques, and theoretical foundations that define and support assessment and effective helping relationships for human services professionals working in a wide range of settings. Highly experiential in nature and includes multiple opportunities for practice, demonstration, and discussion of methods and techniques drawn from the text, lectures, and supplemental materials. It also includes an introduction to group process. Specific emphasis is placed on integrating previous and concurrent course content and experiences, and bringing an enhanced level of skill to the helping relationship. Additional considerations include an emphasis on a student's personal beliefs, values, and spirituality and their impact on the helping process and developing an awareness of multicultural issues and other significant topics that impact the helping relationship, such as ethics, gender, race, religion, disability, ageism, and sexual orientation.									
HSP	SPH	CFS	4610	Dynamics in Parent-Child Relations	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	CFS	4610	Dynamics in Parent-Child Relations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	CFS	4630	Transitions in Development: Middle Childhood	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	CFS	4630	Transitions in Development: Middle Childhood	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	CFS	4640	Children, Families, and Poverty	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	CFS	4640	Children, Families, and Poverty	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	CFS	4650	Transitions in Development: Adolescence	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks and life experiences of children ages 10 through 21 and the contexts in which this development occurs, including families, peer groups, schools, neighborhoods, and work and leisure settings. Theories and research relevant to adolescence will be reviewed; the implications of these theories and research for working with adolescents will be considered.									
HSP	SPH	CFS	4660	Transitions in Development: Middle and Later Life	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Focuses on older persons in the context of family life. Students will examine the following topics as they relate to aging and families: historical perspectives, demographic trends, theoretical frameworks, research methods, intimate relationships, intergenerational relationships, and life course transitions. Particular attention will be given to the multiple contexts affecting and being affected by families in middle to later life. Students also will have the opportunity to participate in a service-learning project that complements the course content and allows for reflection on personal development as it relates to the concepts learned in class.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	4670	Children, Families, Stress and Trauma	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	CFS	4670	Children, Families, Stress and Trauma	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	CFS	4710	Family Life Education	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) An introduction in the content and methodology of family life education. It explores the historical roots, philosophy, and objectives of family life education and examines current trends and challenges that face professional family life educators. Intended to help you develop the knowledge and practical skills that are required to identify needs, design programs, teach family life education, effectively facilitate groups, and evaluate participants and programs in a wide variety of settings with a broad range of populations. Emphasizes each of the ten content areas of family life education.									
HSP	SPH	CFS	4760	Children and Families in Health Care Settings	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr) Students will acquire skills in helping children and families cope with the stress of a health care experience, in hospitals and other medical settings. In addition, analysis of stress, coping theories, and reactions will be examined, as well as exploration of developmental and psychosocial care of hospitalized children and their families.									
HSP	SPH	CFS	4770	Professional Practices in Child Life	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr) Students will learn clinical and professional practices required to work in the field of Child Life including, but not limited to: assessment, coping techniques, distraction, education/teaching tools, developmental play, medical play, documentation, therapeutic activities, and assessment tools utilized within the scope of child life.									
HSP	SPH	CFS	4780	Advanced Child Life	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 4760 & 4770) & Sr Advanced course in child life studies designed to critically analyze and integrate child life and psychosocial theory, professional competencies of the child life profession, and working on multidisciplinary psychosocial and medical teams in pediatric health care settings. Includes preparation for the upcoming final 600 hour clinical internship necessary for national certification.									
HSP	SPH	CFS	4900	Special Topics in Child and Family Studies	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2980 and 2990) Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									
HSP	SPH	CFS	4900	Special Topics in Child and Family Studies	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CFS 2980 and 2990) Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									
HSP	SPH	CFS	4910	Child and Family Studies Internship	INT	IN	15	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and C or better in CFS 4602 Provides an opportunity for students to be involved in actual work experience by completing 600 hours at a field placement site that is appropriate to the CFS concentration they are completing.									
HSP	SPH	CFS	4920	Child Life Practicum	PRA	PR	5	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Permission required and CFS 4770 Provides practical field experience in a children's hospital setting and allows for the development of professional skills necessary to secure competitive child life internships. Students will work under the direct supervision of a certified child life specialist (CCLS) and carry out assigned tasks, including observation and implementation of medical and therapeutic play, medical charting, procedural preparation, and sibling support.									
HSP	SPH	CFS	4930	Independent Study in Child and Family Studies	IND	EL	2 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE: Permission required CR, PR Independent study under direction of faculty member in area of specialization.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	4930	Independent Study in Child and Family Studies	IND	IS	2 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent study under direction of faculty member in area of specialization.									
HSP	SPH	CFS	4950H	Honors Seminar in Child and Family Studies	SEM	EL	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Focuses on research and recent developments in child and family studies. Students selected into the CFS honors program will participate in the seminar one time.									
HSP	SPH	CFS	4950H	Honors Seminar in Child and Family Studies	SEM	SE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Focuses on research and recent developments in child and family studies. Students selected into the CFS honors program will participate in the seminar one time.									
HSP	SPH	CFS	4970H	Honors Readings in Child and Family Studies	TUT	TU	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent reading in preparation for honors thesis. Exploration of reading topics in consultation with faculty.									
HSP	SPH	CFS	4980H	Honors Research in Child and Family Studies	TUT	TU	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Implementation of honors project or research in advancement of honors thesis.									
HSP	SPH	CFS	4990H	Honors Thesis in Child and Family Studies	LEC	LE	2 to 5	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Completion, oral defense, and presentation of honors thesis.									
HSP	SPH	CFS	5590	Child and Family Studies Course in International Service	TUT	TU	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		For child and family studies majors who are completing international service.									
HSP	SPH	CFS	5600	Children, Families, and Diversity	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores diversity among children, adults, families, and society. Students will explore the role of gender, race/ethnicity, and social class in influencing individual life as well as family structures and processes. Both similarity and diversity among families will be emphasized as the foundation for research, practice, and social policy.									
HSP	SPH	CFS	5600	Children, Families, and Diversity	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores diversity among children, adults, families, and society. Students will explore the role of gender, race/ethnicity, and social class in influencing individual life as well as family structures and processes. Both similarity and diversity among families will be emphasized as the foundation for research, practice, and social policy.									
HSP	SPH	CFS	5601	Human Sexualities	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									
HSP	SPH	CFS	5601	Human Sexualities	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	5602	Professional Assessment and Helping Skills	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CFS major									
				This is the child and family studies capstone course in the assessment of children, individuals, couples and families, and the acquisition of helping skills needed to facilitate these processes; all necessary in preparing students for their final internship experience. It is designed to help students acquire practical helping skills, techniques, and theoretical foundations that define and support assessment and effective helping relationships for human services professionals working in a wide range of settings. Highly experiential in nature and includes multiple opportunities for practice, demonstration, and discussion of methods and techniques drawn from the text, lectures, and supplemental materials. It also includes an introduction to group process. Specific emphasis is placed on integrating previous and concurrent course content and experiences, and bringing an enhanced level of skill to the helping relationship. Additional considerations include an emphasis on a student's personal beliefs, values, and spirituality and their impact on the helping process and developing an awareness of multicultural issues and other significant topics that impact the helping relationship, such as ethics, gender, race, religion, disability, ageism, and sexual orientation.									
HSP	SPH	CFS	5610	Dynamics in Parent-Child Relations	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	CFS	5610	Dynamics in Parent-Child Relations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	CFS	5630	Transitions in Development: Middle Childhood	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	CFS	5630	Transitions in Development: Middle Childhood	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	CFS	5640	Children, Families, and Poverty	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	CFS	5640	Children, Families, and Poverty	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	CFS	5650	Transitions in Development: Adolescence	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the developmental tasks and life experiences of children ages 10 through 21 and the contexts in which this development occurs, including families, peer groups, schools, neighborhoods, and work and leisure settings. Theories and research relevant to adolescence will be reviewed; the implications of these theories and research for working with adolescents will be considered.									
HSP	SPH	CFS	5660	Transitions in Development: Middle and Later Life	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Focuses on older persons in the context of family life. Students will examine the following topics as they relate to aging and families: historical perspectives, demographic trends, theoretical frameworks, research methods, intimate relationships, intergenerational relationships, and life course transitions. Particular attention will be given to the multiple contexts affecting and being affected by families in middle to later life. Students also will have the opportunity to participate in a service-learning project that complements the course content and allows for reflection on personal development as it relates to the concepts learned in class.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	5670	Children, Families, Stress and Trauma	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	CFS	5670	Children, Families, Stress and Trauma	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	CFS	5710	Family Life Education	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An introduction in the content and methodology of family life education. It explores the historical roots, philosophy, and objectives of family life education and examines current trends and challenges that face professional family life educators. Intended to help you develop the knowledge and practical skills that are required to identify needs, design programs, teach family life education, effectively facilitate groups, and evaluate participants and programs in a wide variety of settings with a broad range of populations. Emphasizes each of the ten content areas of family life education.									
HSP	SPH	CFS	5760	Children and Families in Health Care Settings	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students will acquire skills in helping children and families cope with the stress of a health care experience, in hospitals and other medical settings. In addition, analysis of stress, coping theories and reactions will be examined, as well as exploration of developmental and psychosocial care of hospitalized children and their families.									
HSP	SPH	CFS	5770	Professional Practices in Child Life	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or Better CFS 6280						
		COURSE DESC:		Students will learn clinical and professional practices required to work in the field of Child Life including, but not limited to: assessment, coping techniques, distraction, education/teaching tools, developmental play, medical play, documentation, therapeutic activities, and assessment tools utilized within the scope of child life.									
HSP	SPH	CFS	5780	Advanced Child Life	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in (CFS 5760 & 5770)						
		COURSE DESC:		Advanced course in child life studies designed to critically analyze and integrate child life and psychosocial theory, professional competencies of the child life profession, and working on multidisciplinary psychosocial and medical teams in pediatric health care settings. Includes preparation for the upcoming final 600 hour clinical internship necessary for national certification.									
HSP	SPH	CFS	5800	Death, Dying and Bereavement	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students will explore the meaning of death, dying, and bereavement from a variety of contemporary perspectives. Class members will have the opportunity to examine both societal and professional issues relating to death, dying, and bereavement, as well as their own personal attitudes about death.									
HSP	SPH	CFS	5810	Research Design and Program Evaluation	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to applied research methods as used in community programs for children and families including review and application of existing research literature, conducting program needs assessments, and evaluating processes and outcomes of existing programs. Designed to provide the skills necessary to use existing research and generate new data to benefit programs.									
HSP	SPH	CFS	5900	Special Topics in Child and Family Studies	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									
HSP	SPH	CFS	5900	Special Topics in Child and Family Studies	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									
HSP	SPH	CFS	5910	Child and Family Studies Internship	INT	IN	15	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Provides an opportunity for students to be involved in actual work experience by completing 600 hours at a field placement site that is appropriate to the CFS concentration they are completing.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	5920	Child Life Practicum	PRA	PR	5	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CFS 5770							
		COURSE DESC:		Provides practical field experience in a children's hospital setting and allows for the development of professional skills necessary to secure competitive child life internships. Students will work under the direct supervision of a certified child life specialist (CCLS) and carry out assigned tasks, including observation and implementation of medical and therapeutic play, medical charting, procedural preparation, and sibling support.									
HSP	SPH	CFS	5930	Independent Study in Child and Family Studies	IND	EL	2 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									
HSP	SPH	CFS	5930	Independent Study in Child and Family Studies	IND	IS	2 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									
HSP	SPH	CFS	6260	Graduate Seminar in Child and Family Studies	LEC	LE	2	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required							
		COURSE DESC:		Designed to prepare graduate students for their research topics and proposals. Students will give a presentation related to their graduate thesis or project. Topics, abstracts, and paper presentations will be completed under the guidance of the instructor or another faculty mentor in Child and Family Studies.									
HSP	SPH	CFS	6280	Foundations and Theory in Child Life	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CFS major							
		COURSE DESC:		Provides an overview of the child life specialist profession and its mission and principles. Each of the core competencies established by the child life council will be covered, and the foundations of administering a child life program in a health care setting will be examined. Students will analyze and understand theory in relation to family structure, family systems, life course theory, psychosocial theory, and other theories relevant in the profession of child life.									
HSP	SPH	CFS	6400	Supervision in Child and Family Studies	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		The purpose is to explore the basic process of supervision. General areas to be explored include relationships, power and authority, trust, and motivation. Students are encouraged to evaluate their own supervisory style and develop a personal philosophy of supervision.									
HSP	SPH	CFS	6400	Supervision in Child and Family Studies	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		The purpose is to explore the basic process of supervision. General areas to be explored include relationships, power and authority, trust, and motivation. Students are encouraged to evaluate their own supervisory style and develop a personal philosophy of supervision.									
HSP	SPH	CFS	6700	Qualitative Methods for Children, Adults, and Families	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		Introduces graduate students to qualitative methods in Child and Family Studies and related disciplines. Students will examine historical roots, epistemological perspectives, and ethical issues in qualitative research. Additionally, students will focus on the set of methodological techniques that are needed when researchers create and conduct qualitative research studies, especially those typically used for conducting research in child and family studies. We will explore participant observation, interviewing, and focus group strategies with specific content focused on children, adults, and families.									
HSP	SPH	CFS	6740	Advanced Family Development	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		Focuses on families; illuminating structure, function, issues and concerns, and will utilize current and pertinent research in the family studies discipline. Additionally, will provide a broad and systematic understanding of the theoretical foundations of understanding family experiences.									
HSP	SPH	CFS	6750	Introduction to Principles of Family Consulting	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:								
		COURSE DESC:		The purpose is to prepare students for advanced consultation with families in a broad range of human services settings. Theoretical approaches to assessment and intervention are considered as is the acquisition of advanced skill sets in working with families. Special emphasis is placed on the complex challenges of working with diverse populations from a strengths-based perspective.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	6750	Introduction to Principles of Family Consulting	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		The purpose is to prepare students for advanced consultation with families in a broad range of human services settings. Theoretical approaches to assessment and intervention are considered as is the acquisition of advanced skill sets in working with families. Special emphasis is placed on the complex challenges of working with diverse populations from a strengths-based perspective.									
HSP	SPH	CFS	6890	Self, Aging, and Society	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Synthesis of issues inherent in biological theories, psychological aspects, sociological perspectives, health care aspects, and public policy issues in aging within the context of self and society.									
HSP	SPH	CFS	6890	Self, Aging, and Society	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Synthesis of issues inherent in biological theories, psychological aspects, sociological perspectives, health care aspects, and public policy issues in aging within the context of self and society.									
HSP	SPH	CFS	6900	Special Topics in Child and Family Studies	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	CFS	6900	Special Topics in Child and Family Studies	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	CFS	6901	Thanatology	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Synthesizes the components inherent in the current philosophical and religious views and beliefs, the psychological and clinical dimensions, the sociological factors, and the ethical and moral issues of death in the context of defining and coping with death.									
HSP	SPH	CFS	6901	Thanatology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Synthesizes the components inherent in the current philosophical and religious views and beliefs, the psychological and clinical dimensions, the sociological factors, and the ethical and moral issues of death in the context of defining and coping with death.									
HSP	SPH	CFS	6940	Research	RSC	RS	1 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR									
		COURSE DESC:		Independent investigation in one area of child and family studies.									
HSP	SPH	CFS	6950	Thesis	THE	TH	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Independent research in one area of child and family studies.									
HSP	SPH	EH	2000	Introduction to Environmental Health and Safety	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of technical and administrative procedures needed to control the environment, especially as they relate to health effects encountered in daily activities. Emphasis on general ecological environmental protection and environmental degradation, along with safety concepts, practices, and procedures.									
HSP	SPH	EH	2000	Introduction to Environmental Health and Safety	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of technical and administrative procedures needed to control the environment, especially as they relate to health effects encountered in daily activities. Emphasis on general ecological environmental protection and environmental degradation, along with safety concepts, practices, and procedures.									
HSP	SPH	EH	2900	Special Topics in Environmental Health	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EH	2900	Special Topics in Environmental Health	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	SPH	EH	3040	Environmental Health in Appalachia	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000 or HLTH 2000									
				COURSE DESC: Examines and explores historical and contemporary relationships between environmental conditions in Appalachia and the health of people in the region. Topics include water quality, food safety, natural resource extraction, the built environment, and hazardous pollutants in the context of public health in Appalachia.									
HSP	SPH	EH	3100	Air, Waters and Wastes	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000									
				COURSE DESC: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.									
HSP	SPH	EH	3100	Air, Waters and Wastes	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000									
				COURSE DESC: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.									
HSP	SPH	EH	3200	Health and the Built Environment	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000 and IH 2000									
				COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.									
HSP	SPH	EH	3200	Health and the Built Environment	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000 and IH 2000									
				COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.									
HSP	SPH	EH	3300	Food Quality and Vector Control	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: BIOS 2210 and EH 2000									
				COURSE DESC: Emphasizes the topics of foodborne diseases and regulatory programs relative to sanitary inspection and control of food service and processing systems. Describes vector borne diseases of importance from a control perspective in environmental health.									
HSP	SPH	EH	3300	Food Quality and Vector Control	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: BIOS 2210 and EH 2000									
				COURSE DESC: Emphasizes the topics of foodborne diseases and regulatory programs relative to sanitary inspection and control of food service and processing systems. Describes vector borne diseases of importance from a control perspective in environmental health.									
HSP	SPH	EH	4000	Environmental Health and Safety Risk Communication	LEC	EL	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Sr only									
				COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.									
HSP	SPH	EH	4000	Environmental Health and Safety Risk Communication	LEC	LE	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Sr only									
				COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.									
HSP	SPH	EH	4400	Occupational Safety and Health	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000									
				COURSE DESC: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									
HSP	SPH	EH	4400	Occupational Safety and Health	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000									
				COURSE DESC: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									

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COURSE LISTING
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HSP	SPH	EH	4710	Environmental Risks and Society Benefits ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Reviews the historical record of the creation and use of potentially hazardous chemicals emphasizing drugs; legal or otherwise through the present day. By examination of chemical accidents or questionable drug approval decisions, in light of society needs and desires, students will appreciate chemical risks versus chemical benefits. Many infamous major chemical incidents such as Bhopal, Three Mile Island, and the Exxon Valdez spill will be covered in detail, as will current drug issues such as fluorinated drinking water supplies, Viagra, and the Plan B pill. Perspectives from the media, business, and government will be covered to enable students to critically evaluate risks and benefits, and develop a realistic understanding of the democratic chemical approval process.	LEC	LE	3	0	3	N	U30		50
HSP	SPH	EH	4900	Special Topics - Environmental Health ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.	SEM	EL	3	0		N	U30		0
HSP	SPH	EH	4900	Special Topics - Environmental Health ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.	SEM	SE	3	0		N	U30		0
HSP	SPH	EH	4920	Environmental Health Practicum ELIGIBLE GRADES: GEC2: A-F, COURSE DESC: Supervised learning experience in an approved clinical/environmental health facility designed to provide the student with practical comprehensive opportunities in environmental health to enhance and complement required classes.	PRA	PR	1 to 9	9		N	U30		0
HSP	SPH	EH	4930	Independent Study ELIGIBLE GRADES: GEC2: A-F, COURSE DESC: Assignments and content will vary with each individual student.	IND	EL	1 to 6	6		I	U30		0
HSP	SPH	EH	4930	Independent Study ELIGIBLE GRADES: GEC2: A-F, COURSE DESC: Assignments and content will vary with each individual student.	IND	IS	1 to 6	6		I	U30		0
HSP	SPH	EH	5000	Environmental Health and Safety Risk Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.	LEC	EL	3	0		N	G40		0
HSP	SPH	EH	5000	Environmental Health and Safety Risk Communication ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.	LEC	LE	3	0		N	G40		0
HSP	SPH	EH	5100	Air, Waters and Wastes ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.	LEC	EL	3	0		N	G40		0
HSP	SPH	EH	5100	Air, Waters and Wastes ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.	LEC	LE	3	0		N	G40		0
HSP	SPH	EH	5200	Health and the Built Environment ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.	LEC	EL	3	0		N	G40		0
HSP	SPH	EH	5200	Health and the Built Environment ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.	LEC	LE	3	0		N	G40		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EH	5300	Food Quality and Vector Control	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Emphasizes the topics of foodborne diseases and regulatory programs relative to sanitary inspection and control of food service and processing systems. Describes vector borne diseases of importance from a control perspective in environmental health.									
HSP	SPH	EH	5300	Food Quality and Vector Control	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Emphasizes the topics of foodborne diseases and regulatory programs relative to sanitary inspection and control of food service and processing systems. Describes vector borne diseases of importance from a control perspective in environmental health.									
HSP	SPH	EH	5400	Occupational Safety and Health	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									
HSP	SPH	EH	5400	Occupational Safety and Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									
HSP	SPH	EH	5900	Special Topics in Environmental Health	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
HSP	SPH	EH	5900	Special Topics in Environmental Health	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:							
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
HSP	SPH	EH	6010	Climate Change and Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Many environmental scientists, public health professionals, and policymakers believe that climate change poses one of the greatest threats to global health; this course explores the possible public health outcomes of climate change. Topics covered include human health effects from vector-, water-, and foodborne diseases; disaster and weather-related health effects; and possible solutions.									
HSP	SPH	EH	6900	Special Topics - Environmental Health	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.									
HSP	SPH	EH	6900	Special Topics - Environmental Health	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.									
HSP	SPH	EH	6930	Independent Study	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		PR Assignments and content will vary with each individual student.									
HSP	SPH	EH	6930	Independent Study	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:	Permission required						
		COURSE DESC:		PR Assignments and content will vary with each individual student.									
HSP	SPH	HLTH	2000	Introduction to Public Health	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	2000	Introduction to Public Health ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2AS	N	U10		0
				GEC1: A-F REQUISITE: Fr or Soph Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.									
HSP	SPH	HLTH	2020C	Introduction to Health and Lifestyle Choices ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0	2AS	N	U10		0
				GEC1: A-F REQUISITE: Fr or Soph Provides an overview of health-related topics that are relevant to college-aged students (e.g. safer sex, nutrition, physical activity). Students have the opportunity to critically assess their current health behaviors in an effort to make positive health decisions. This is a designate service learning course.									
HSP	SPH	HLTH	2030	Foundations in Health Education ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: HLTH 2000 Examines both theory and practice, including terminology, theoretical models, health issues, health organizations, employment opportunities, historical contributions, ethics, and relationship to other health professionals.									
HSP	SPH	HLTH	2040	Alcohol, Tobacco, and Other Drugs ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Presents basic pharmacology and toxicology of common drugs, alcohol, and tobacco and consequences of their abuse.									
HSP	SPH	HLTH	2050	Preventing HIV and STIs ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: Examines the signs and symptoms, methods of transmission, treatment, and prevention of HIV and sexually transmitted infections (STIs). Emphasis on education as a means to reduce the risks of infection.									
HSP	SPH	HLTH	2050	Preventing HIV and STIs ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Examines the signs and symptoms, methods of transmission, treatment, and prevention of HIV and sexually transmitted infections (STIs). Emphasis on education as a means to reduce the risks of infection.									
HSP	SPH	HLTH	2100	Women and Health ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: The health needs and concerns of women within the physical, mental/emotional, and social dimensions of functioning are examined. Emphasis on women as health care and product consumers.									
HSP	SPH	HLTH	2120	Controlling Stress and Tension ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Holistic approach to stress management covering recognition of tension, physiological response, relaxation techniques, and individual stress profile.									
HSP	SPH	HLTH	2150	Violence in America ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Focuses on the etiology and prevention of violence as it occurs in the home, workplace, on American highways, and in the daily interactions with others. Emphasis placed on gender violence etiology, prevention, and reporting.									
HSP	SPH	HLTH	2170	Health System Organization, Financing, and Delivery ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr Focuses on U.S. health system, describing health care institutions, providers, payment practices, and significant health legislation. Covers trends and future perspectives against historical background. Provides students with a general introduction and overview of the health care system.									
HSP	SPH	HLTH	2250	Long-Term Care Administration I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U30		0
				GEC1: A-F REQUISITE: MGT 2000 Present laws, regulations, and standards that impact long-term care facilities management. Covers client rights and responsibilities and their implications in managing such facilities. Stresses ethical and moral issues confronting manager. Reviews risk management and strategies for providing a safe and comfortable environment.									
HSP	SPH	HLTH	2300	Medical Terminology ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U30		0
				GEC1: A-F REQUISITE: BIOS 1030 or 1700 or 2030 Medical terms associated with body systems, disease processes, laboratory tests, and clinical procedures commonly used in the health care setting.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	2300	Medical Terminology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1030 or 1700 or 2030							
		COURSE DESC:		Medical terms associated with body systems, disease processes, laboratory tests, and clinical procedures commonly used in the health care setting.									
HSP	SPH	HLTH	2700	Family and Consumer Health	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Covers consumer health issues, health quackery, purchasing health products and services, alternative health care, and marketing strategies. Regional practices within the U.S. will be discussed.									
HSP	SPH	HLTH	2900	Special Topics in Health	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	HLTH	2900	Special Topics in Health	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	HLTH	2901	Health Aspects of Aging	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Theories of aging involving changes in structure and performance. Emphasis on normal aging changes, mental changes, mental health, health promotion, and community health.									
HSP	SPH	HLTH	2970T	Public Health Tutorial	IND	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2970T	Public Health Tutorial	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2971T	Public Health Tutorial	IND	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2971T	Public Health Tutorial	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2980T	Public Health Tutorial	IND	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2980T	Public Health Tutorial	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2981T	Public Health Tutorial	IND	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	2981T	Public Health Tutorial	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	3100	Health Behavior Theory in Public and Community Health	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HLTH 2000 and 2030							
		COURSE DESC:		Introduces students to the most commonly used models and theories in public health.									
HSP	SPH	HLTH	3160	Human Resources Management in Health Care	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HLTH 2170							
		COURSE DESC:		Introduces students to human resources management practices and issues within health care organizations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	3250	Long-Term Care Administration II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2250									
		COURSE DESC:		Presents managerial ideologies important to manager of long-term care facilities. Fully develops role of administrator in planning, organizing, directing, controlling, and staffing for specific services of long-term care facilities within holistic framework for client care. Studies professional relationships and coordinating function of manager. Includes contributions of rehabilitation and recreation services to long-term care.									
HSP	SPH	HLTH	3300	Community Health Epidemiology	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2000 and (PSY 1110 or 2110) and (Jr or Sr)									
		COURSE DESC:		This course includes the basic principles and methods of epidemiology and its applications to community and public health. Course content also includes epidemiological concepts of risk and protective factors and basic design of epidemiological studies in the context of population health.									
HSP	SPH	HLTH	3300	Community Health Epidemiology	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2000 and (PSY 1110 or 2110) and (Jr or Sr)									
		COURSE DESC:		This course includes the basic principles and methods of epidemiology and its applications to community and public health. Course content also includes epidemiological concepts of risk and protective factors and basic design of epidemiological studies in the context of population health.									
HSP	SPH	HLTH	3350	Leadership and Management of Health Care Organizations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2170									
		COURSE DESC:		Focuses on the understanding, skill, and ethical issues important to the management, organization, planning, financing, and evaluation of a health care organization and its services to patients. Emphasis on the administrator's role in leading the health care organization.									
HSP	SPH	HLTH	3400	Contemporary Problems in Health Care Organizations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2170									
		COURSE DESC:		Identifies and discusses the major contemporary issues impacting health care organizations and systems. Provides exercises in the application of management skills and knowledge necessary to confront and address these problems and issues.									
HSP	SPH	HLTH	3400J	Grant Writing for Public Health Sciences	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3100 and 3300 and (Jr or Sr)									
		COURSE DESC:		Focuses on developing grant writing skills for the public health sciences. Students will write and prepare grant proposals in response to program announcements from a variety of public and private sources.									
HSP	SPH	HLTH	3450	School Health	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Principles, problems, organization, and administration of school health programs, including health services, healthful school environment, health instruction, and school and community relationships.									
HSP	SPH	HLTH	3735	Introduction to Health Informatics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2170									
		COURSE DESC:		Provides an overview of the principles of designing, acquiring, selecting, utilizing, and evaluating information systems in health care organizations. Includes an analysis of both clinical and administrative decision support systems and their associated applications.									
HSP	SPH	HLTH	3930	Independent Study	IND	IS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and (Jr or Sr)									
		COURSE DESC:		Study and/or research in selected topics of interest to students in health sciences.									
HSP	SPH	HLTH	3970T	Public Health Tutorial	IND	IS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Tutorial study for third-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	3970T	Public Health Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Tutorial study for third-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	3980T	Public Health Tutorial	IND	IS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Tutorial student for third-year Honors Tutorial students in Public Health									
HSP	SPH	HLTH	3980T	Public Health Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Tutorial student for third-year Honors Tutorial students in Public Health									

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COURSE LISTING
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HSP	SPH	HLTH	4050	Long-Term Care Administration III	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3250									
		COURSE DESC:		Addresses administrative processes in long-term care management. Orients student to modern information systems and use of data in managing decision action and record keeping. Presents content on building effective public relations, managing volunteer programs, and in supporting client governance. Prepares student to sit for licensure exams.									
HSP	SPH	HLTH	4060	Alternatives to Traditional Long-Term Care	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2170									
		COURSE DESC:		Exposes the student to information related to alternative forms of delivery for long-term care services for seniors. Emphasis on assisted living operations and regulations.									
HSP	SPH	HLTH	4100	Program Planning and Implementation in Community Health	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2000 and 3300									
		COURSE DESC:		Addresses program planning and implementation of health programs. Focus is on how to conduct a health needs assessment in order to inform program planning and implementation.									
HSP	SPH	HLTH	4120	Global Health Programming	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr									
		COURSE DESC:		Addresses diverse and rapidly changing health problems in underdeveloped and industrialized countries while exploring roles of health professionals. Surveys program interventions and solutions that are available or under development.									
HSP	SPH	HLTH	4200	Program Evaluation in Community Health	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 4100 and Sr									
		COURSE DESC:		Focuses on evaluation methodology for health programs. Addresses various evaluation frameworks that are used in health programming as well as comprehensive evaluation plans for health programs.									
HSP	SPH	HLTH	4210	Health Care Finance I	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 and HLTH 3350									
		COURSE DESC:		Emphasis on the interpretation and application of accounting and financial concepts to health services with an introduction to strategic financial planning. Primary focus is on the financial environment impacting health care organizations, as well as a thorough analysis of financial statements and the management of current assets.									
HSP	SPH	HLTH	4210	Health Care Finance I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 and HLTH 3350									
		COURSE DESC:		Emphasis on the interpretation and application of accounting and financial concepts to health services with an introduction to strategic financial planning. Primary focus is on the financial environment impacting health care organizations, as well as a thorough analysis of financial statements and the management of current assets.									
HSP	SPH	HLTH	4220	Health Care Finance II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1020 and HLTH 4210									
		COURSE DESC:		Examines more advanced and complex financial topics including product and product line costing, methods of budgeting and cost variance analysis, working capital and cash management, capital formation, capital project analysis, pricing concepts, and reimbursement strategies relating to payer and case mix. Special focus on managerial decision-making applications.									
HSP	SPH	HLTH	4300	Health Issues: U.S. Underserved Populations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2000 and 4100 and (Jr or Sr)									
		COURSE DESC:		In-depth analysis of critical health issues germane to underserved populations in the United States. Emphasis on those groups suffering the most profound consequences of health problems and disease.									
HSP	SPH	HLTH	4375	Health Care Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3400									
		COURSE DESC:		Focuses on the analysis and review of important public policy issues in the health care sector. Emphasizes the government's role in the development and implementation of health care policy.									
HSP	SPH	HLTH	4445	Health Care Law and Ethics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3400									
		COURSE DESC:		Examines the legal and ethical issues regarding the delivery of health care services. Considers the roles and rights of the key stakeholders in the U.S. health care system: patients, providers, government, and payers.									
HSP	SPH	HLTH	4585	Strategic Marketing for Health Care Organizations	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3400									
		COURSE DESC:		Examines the principles and concepts of marketing as they apply to health care organizations. Focuses on the strategic application and organizational use of various marketing tools to respond to the rapidly changing, complex, and unique health care environment.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	4665	Administrative Applications in Health Care Organizations GEC1: A-F REQUISITE: HLTH 4210 and 4375 and 4445 and 4585 and Sr Focuses upon the application of administrative skills and concepts in health care services and programs. Provides the students with as much independence as possible in terms of going beyond the classroom environment to investigate, address, and solve "real" organizational problems and issues. Provides the student with an opportunity to demonstrate competency by applying the concepts, theories, and knowledge gained from the health services administration program.	SEM	SE	3	0	3	N	U30		0
HSP	SPH	HLTH	4800	Applied Service Learning in Rural Community Health GEC1: A-F REQUISITE: HLTH 3400J and 4200 and Sr Exposes students to rural community health issues. Students will be involved in planning, implementing, and evaluating health programs in the Athens community. The focus will be on working with rural, Appalachian populations.	LEC	LE	3	0	3	N	U30		0
HSP	SPH	HLTH	4900	Special Topics in Health GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
HSP	SPH	HLTH	4900	Special Topics in Health GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
HSP	SPH	HLTH	4910	Internship in Health Services Administration GEC6: CR, REQUISITE: Permission Required and Sr PR, F Provides an administrative/programmatic experience under the direct supervision of an administrator in a health-related organization. Students complete supervised projects, and other administrative tasks under the joint supervision of a health care facility administrator and a program faculty member.	INT	IN	6	0		N	U30		0
HSP	SPH	HLTH	4911	Community Health Services Internship GEC4: A-F, REQUISITE: HLTH 3300 and 4100 and 4200 and Sr CR, PR Participation in activities of official or voluntary public health agency. Supervision of experience to be done by agency personnel and University faculty.	INT	IN	6	0		N	U30		0
HSP	SPH	HLTH	4912	Community Health Field Experience GEC6: CR, REQUISITE: Permission required and HLTH 2000 and (Jr or Sr) PR, F Observation and participation in activities of community health agency, medical facility, or program.	FLD	FE	1 to 5	5		I	U30		0
HSP	SPH	HLTH	4914	Internship in Long-Term Health Care Administration GEC6: CR, REQUISITE: Jr or Sr PR, F Provides an administrative/programmatic experience where students complete supervised projects, plans, and other administrative tasks under the joint supervision of a long-term health care facility administrator and University faculty member. The internship is a 600 hour experience, providing students with optimal time and experience to integrate information learned throughout the student's academic experience.	INT	IN	8	0		N	U30		0
HSP	SPH	HLTH	4920	Practicum in Long-Term Health Care Administration GEC6: CR, REQUISITE: Permission required and (Jr or Sr) PR, F Provides a 400-hour practical field experience in the operational skills necessary to manage a long-term health care organization. Students work under the direct supervision of long-term health care managers and carry out assigned tasks, which may include the direct provision of care, development of programs, maintenance of systems, and management of data.	PRA	PR	6	0		N	U30		0
HSP	SPH	HLTH	4930	Independent Study GEC4: A-F, REQUISITE: Permission required CR, PR Allows for independent study of public health sciences topics of interest to students. Students work closely with a faculty member within the Department of Social and Public Health.	IND	IS	1 to 4	8		I	U30		0
HSP	SPH	HLTH	4970T	Public Health Tutorial GEC1: A-F REQUISITE: HTC Thesis tutorial for fourth-year Honors Tutorial students in Public Health.	IND	IS	1 to 12	12		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	4970T	Public Health Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Thesis tutorial for fourth-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	4980T	Public Health Tutorial	RSC	RS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Thesis tutorial for fourth-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	4980T	Public Health Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Thesis tutorial for fourth-year Honors Tutorial students in Public Health.									
HSP	SPH	HLTH	5120	Global Health Programming	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Addresses diverse and rapidly changing health problems in underdeveloped and industrialized countries while exploring roles of health professionals. Surveys program interventions and solutions that are available or under development.									
HSP	SPH	HLTH	5300	Health Issues: U.S. Underserved Populations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		In-depth analysis of critical health issues germane to underserved populations in the United States. Emphasis on those groups suffering the most profound consequences of health problems and disease.									
HSP	SPH	HLTH	5900	Special Topics in Health	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	HLTH	5900	Special Topics in Health	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	HLTH	6000	Assessment and Program Planning in Rural Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MPH Major									
		COURSE DESC:		Focuses on the skills needed to conduct a rural health needs assessment in order to determine priority health issues for a particular rural community. Also includes how to plan a health-related intervention to address the health needs identified during the rural health needs assessment.									
HSP	SPH	HLTH	6001	Program Planning and Implementation in Rural Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 6720 and Warning: No credit for both this course and the following (always deduct credit for first course taken): HLTH 6000 or 6050									
		COURSE DESC:		Program Planning and Implementation in Rural Public Health focuses on the skills needed to conduct a rural health needs assessment in order to determine priority health issues within rural communities. This course also includes how to plan and design a health-related intervention to address the health needs identified during the rural health needs assessment.									
HSP	SPH	HLTH	6010	Introduction to the U.S. Health Care Delivery System	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and analysis of the U.S. health services system, including a detailed examination of how the system is organized, internal and external forces on the system, how services are delivered, and the mechanisms by which health care services are financed.									
HSP	SPH	HLTH	6010	Introduction to the U.S. Health Care Delivery System	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and analysis of the U.S. health services system, including a detailed examination of how the system is organized, internal and external forces on the system, how services are delivered, and the mechanisms by which health care services are financed.									
HSP	SPH	HLTH	6020	Information Systems for Health Services	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and analysis of the technology, planning, and leadership issues associated with health care information systems, including the challenges of implementing information systems for health care organizations and delivery systems.									
HSP	SPH	HLTH	6020	Information Systems for Health Services	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and analysis of the technology, planning, and leadership issues associated with health care information systems, including the challenges of implementing information systems for health care organizations and delivery systems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6030	Leadership of Health Organizations	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Structure, organization, and function of health care delivery organizations and systems with emphasis on leadership concepts and issues such as control, change management, communication, and decision making.									
HSP	SPH	HLTH	6030	Leadership of Health Organizations	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Structure, organization, and function of health care delivery organizations and systems with emphasis on leadership concepts and issues such as control, change management, communication, and decision making.									
HSP	SPH	HLTH	6040	Research and Quantitative Methods for Health Services	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Research methods and investigation in health and health care systems. Topics and problems focus on the application of quantitative methods by health care leaders in maximizing efficiency and effectiveness.									
HSP	SPH	HLTH	6040	Research and Quantitative Methods for Health Services	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Research methods and investigation in health and health care systems. Topics and problems focus on the application of quantitative methods by health care leaders in maximizing efficiency and effectiveness.									
HSP	SPH	HLTH	6050	Intervention Design and Implementation in Rural Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	HLTH 6000 and HLTH 6720						
		COURSE DESC:		Focuses on intervention design and implementation in rural public health. Builds on information covered in HLTH 6000 related to conducting health-related needs assessment and program planning. Includes specific strategies and activities for designing and implementing interventions to be responsive to public health needs.									
HSP	SPH	HLTH	6060	Gerontechnology	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An analysis of the health and environmental problems confronting an aging society and ways in which technology can be harnessed to address them. Topics and problems focus on existing technologies and their applicability for use by and for the elderly, and the identification of new technologies to enhance elderly independence both in the community and in healthcare settings.									
HSP	SPH	HLTH	6060	Gerontechnology	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		An analysis of the health and environmental problems confronting an aging society and ways in which technology can be harnessed to address them. Topics and problems focus on existing technologies and their applicability for use by and for the elderly, and the identification of new technologies to enhance elderly independence both in the community and in healthcare settings.									
HSP	SPH	HLTH	6070	Health Promotion and Health Behavior	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Theory and application of health promotion/education planning, implementation, and evaluation by health professions in a variety of settings. Emphasis on research related to determinants of health behavior, plus strategies and techniques used by professionals to foster human health.									
HSP	SPH	HLTH	6080	Health Policy	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Impact of health care public policy; including the health administrator's role in policy analysis, development, interpretation, and implementation.									
HSP	SPH	HLTH	6080	Health Policy	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Impact of health care public policy; including the health administrator's role in policy analysis, development, interpretation, and implementation.									
HSP	SPH	HLTH	6100	Evaluation and Quality Improvement in Health Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.									
HSP	SPH	HLTH	6100	Evaluation and Quality Improvement in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6130	Ageing and Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Theories of aging involving changes in structure and performance presented. Emphasis on normal aging changes, positive mental health and aging, health promotion and maintenance of wellness, and community health.									
HSP	SPH	HLTH	6140	Rural Health Disparities	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Includes factors influencing health outcomes in rural areas of the United States. Focuses on examining the disparities of access and availability of public health services, medical services, and other health-related services, in rural undeserved populations. Other issues include examining how socioeconomic status, ethnicity, geographic location, and cultural factors affect health outcomes in rural areas as well as how to reduce the existing rural health disparities.									
HSP	SPH	HLTH	6140	Rural Health Disparities	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		Includes factors influencing health outcomes in rural areas of the United States. Focuses on examining the disparities of access and availability of public health services, medical services, and other health-related services, in rural undeserved populations. Other issues include examining how socioeconomic status, ethnicity, geographic location, and cultural factors affect health outcomes in rural areas as well as how to reduce the existing rural health disparities.									
HSP	SPH	HLTH	6150	Maternal and Child Health in Africa	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of the health of mothers, infants, and children and the strategies for improving maternal and child health in the context of African health and sociocultural issues.									
HSP	SPH	HLTH	6150	Maternal and Child Health in Africa	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of the health of mothers, infants, and children and the strategies for improving maternal and child health in the context of African health and sociocultural issues.									
HSP	SPH	HLTH	6160	Health Care and People of Africa	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of health care delivery services in the context of African cultures, population-based public health practice and the provision of health practice and the provision of health care facilities for the people of the African regions.									
HSP	SPH	HLTH	6170	HIV/AIDS in Africa	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of contemporary pandemic HIV/AIDS and the opportunistic infections as they affect morbidity and mortality rates in Africa and the complex interwoven factors underlining control and prevention, social concerns, and policy implications in African cultures.									
HSP	SPH	HLTH	6170	HIV/AIDS in Africa	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of contemporary pandemic HIV/AIDS and the opportunistic infections as they affect morbidity and mortality rates in Africa and the complex interwoven factors underlining control and prevention, social concerns, and policy implications in African cultures.									
HSP	SPH	HLTH	6210	Health Care Finance	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Financial administration concepts and tools (such as financial statement analysis, time value of money, cost analysis and rate-setting, budgeting, portfolio theory, asset pricing models, valuation methods, and cost of capital) essential in sustaining viability of various health care organizations.									
HSP	SPH	HLTH	6210	Health Care Finance	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Financial administration concepts and tools (such as financial statement analysis, time value of money, cost analysis and rate-setting, budgeting, portfolio theory, asset pricing models, valuation methods, and cost of capital) essential in sustaining viability of various health care organizations.									
HSP	SPH	HLTH	6220	Health Care Reimbursement	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of payment mechanism characteristics and their effects on leadership decisions in various health care delivery organizations and systems.									
HSP	SPH	HLTH	6220	Health Care Reimbursement	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examination of payment mechanism characteristics and their effects on leadership decisions in various health care delivery organizations and systems.									
HSP	SPH	HLTH	6240	Community Health Programs	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Institutional framework and activities of various agencies promoting and maintaining health of people of community, state, and nation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6280	Health Law	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Interface between the legal system and health care delivery system, considering the roles and rights of key U.S. health care stakeholders, including: patients, administrators, governing boards, state and federal government, third-party payors, and health care providers.									
HSP	SPH	HLTH	6280	Health Law	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Interface between the legal system and health care delivery system, considering the roles and rights of key U.S. health care stakeholders, including: patients, administrators, governing boards, state and federal government, third-party payors, and health care providers.									
HSP	SPH	HLTH	6300	Epidemiology in Health Administration	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Rational basis for setting priorities and allocating scarce health care resources, including use of methodologically sound health statistics; understanding of natural history, classification, and prevention levels of disease; measurement of morbidity and mortality; causal inference; appropriate sources of health care data; and epidemiological principles.									
HSP	SPH	HLTH	6300	Epidemiology in Health Administration	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Rational basis for setting priorities and allocating scarce health care resources, including use of methodologically sound health statistics; understanding of natural history, classification, and prevention levels of disease; measurement of morbidity and mortality; causal inference; appropriate sources of health care data; and epidemiological principles.									
HSP	SPH	HLTH	6350	Human Resources Leadership in Health Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Practical aspects of human resource leadership in various health care settings to optimize the performance of a diverse workforce.									
HSP	SPH	HLTH	6350	Human Resources Leadership in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Practical aspects of human resource leadership in various health care settings to optimize the performance of a diverse workforce.									
HSP	SPH	HLTH	6380	Strategic Planning and Marketing in Health Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Processes involved in health care organization strategic planning and marketing, exploring community and health care needs assessment, strategic marketing design, business scenarios, decision analysis, feasibility studies, implementation strategies, and evaluation methods.									
HSP	SPH	HLTH	6380	Strategic Planning and Marketing in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Processes involved in health care organization strategic planning and marketing, exploring community and health care needs assessment, strategic marketing design, business scenarios, decision analysis, feasibility studies, implementation strategies, and evaluation methods.									
HSP	SPH	HLTH	6480	Ethical Issues in Health Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exploration of dominant ethical theories and applicable principles relevant to current clinical and leadership issues in health care.									
HSP	SPH	HLTH	6480	Ethical Issues in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exploration of dominant ethical theories and applicable principles relevant to current clinical and leadership issues in health care.									
HSP	SPH	HLTH	6530	Managed Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the impact of managed care on care delivery; examination of key issues confronting administrators working for and with managed care organizations.									
HSP	SPH	HLTH	6530	Managed Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the impact of managed care on care delivery; examination of key issues confronting administrators working for and with managed care organizations.									
HSP	SPH	HLTH	6600	Management Applications in Health Care	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integration of MHA program learning with the problems of the practice environment by focus on a specific health care organizational project.									
HSP	SPH	HLTH	6600	Management Applications in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Integration of MHA program learning with the problems of the practice environment by focus on a specific health care organizational project.									

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COURSE LISTING
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HSP	SPH	HLTH	6710	Public Health Concepts	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Definitions of public health, organizational structure, history, law, ethics, essential services, global programs, and future public health. Unifying theme is health disparities of population groups.									
HSP	SPH	HLTH	6720	Social and Behavioral Sciences in Public Health	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Social and behavioral science concepts, diversity issues, theories of health education and promotion, applications to public health issues, and interventions in reference to communication, collaboration, and strategies.									
HSP	SPH	HLTH	6720	Social and Behavioral Sciences in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Social and behavioral science concepts, diversity issues, theories of health education and promotion, applications to public health issues, and interventions in reference to communication, collaboration, and strategies.									
HSP	SPH	HLTH	6730	Epidemiology in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Covers the fundamental epidemiological concepts, methods, and their practical applications. Health/disease status measurements, the principles of causality, and epidemiological study designs will be studied. Evaluation of risk factors and the effectiveness of interventions targeting them will be discussed.									
HSP	SPH	HLTH	6740	Biostatistics in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Principles of biostatistics in the context of multiple public health applications including basic and advanced statistical techniques for analyzing and investigating public health issues including disparities.									
HSP	SPH	HLTH	6750	Health Services Administration in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Management and administration concepts as they apply to public health entities or settings/systems that use a public health perspective in service delivery.									
HSP	SPH	HLTH	6760	Environmental Health Sciences in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Air/water quality, food hygiene, sanitation municipal/infectious/hazardous waste, vector-borne disease, occupational health, legal and risk issues, global issues, and other special topics.									
HSP	SPH	HLTH	6770	Grant and Proposal Writing in Public Health	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 and MPH major									
		COURSE DESC:		Methods and techniques for writing and managing grant proposals to support public health programs. Emphasis on development of grant proposals, including narrative, program plan, evaluation design, time line, budget justification, identifying grant sources, managing funded projects, and developing requests for proposals.									
HSP	SPH	HLTH	6780	Public Health Practice and Issues	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 and MPH major									
		COURSE DESC:		In an organizational setting, the following topics will be explored: health informatics and communication, diversity and cultural proficiency, and public health professional ethics. These topics are emerging public health issues, which will be applied in a practice setting. This is a required course in the Master of Public Health program with two-thirds of the content being presented online and one-third in a practice setting.									
HSP	SPH	HLTH	6790	Seminar	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Research and investigation in health and health care. Topics and problems suitable for thesis writing, methods of research, writing practice, and critical analysis of outline for research study.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6791	Chronic Disease Epidemiology, Prevention, and Control	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6791	Chronic Disease Epidemiology, Prevention, and Control	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6795	Public Health Research and Evaluation	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6795	Public Health Research and Evaluation	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6800	Interprofessional Applications of Epidemiology	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6800	Interprofessional Applications of Epidemiology	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6801	Health Information Systems and Applications	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6801	Health Information Systems and Applications	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6802	Quantitative Methods in Health Research	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									
HSP	SPH	HLTH	6802	Quantitative Methods in Health Research	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES:									
				COURSE DESC:									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6900	Special Topics in Health Sciences - Health	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Selected topics not covered in regular offerings in health administration and closely related fields.									
HSP	SPH	HLTH	6901	MPH Special Topics	SEM	SE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Comprehensive, in-depth coverage of selected emerging issues, newly recognized needs/concerns to public health workers that are not fully covered in regular course offerings.									
HSP	SPH	HLTH	6910	Master of Public Health Capstone I	INT	IN	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission Required and HLTH 6710 and 6720 and 6730 and 6740									
		COURSE DESC:		Addresses public health competencies that need to be strengthened. The focus of this capstone will be on identifying a project of interest, developing the project, and producing the capstone proposal.									
HSP	SPH	HLTH	6911	Master of Public Health Capstone II	INT	IN	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and HLTH 6710 and 6720 and 6730 and 6740 and 6750 and 6760 and 6910									
		COURSE DESC:		The purpose of the capstone project is to provide an opportunity for the student to apply the public health competencies acquired in the core courses to a public health project. It is the culminating experience in the Consortium of Eastern Ohio Master of Public Health (CEOMPH) program. This is a required culminating experience for MPH students to be taken after all core courses are completed, in partnership with a community organization/agency.									
HSP	SPH	HLTH	6920	MPH Practicum	PRA	PR	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPH Major									
		COURSE DESC:		Student teamed with faculty advisor and community preceptor(s) to apply public health concepts in a professional setting. Provides additional field experience for students.									
HSP	SPH	HLTH	6921	Practicum	PRA	PR	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Supervised work experience in various aspects of administration and operation of health and health related programs.									
HSP	SPH	HLTH	6930	Independent Study	IND	IS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Advanced individual creative and scholarly work in health services administration and closely related fields.									
HSP	SPH	HLTH	6950	Thesis	THE	TH	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		Application of principles and practices to selected problems of study in the field.									
HSP	SPH	OHS	2000	Essentials of Occupational Hygiene and Professions	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to occupational hygiene and professions including historical developments, health and safety program concepts, social and legislative requirements, professional relationships, and general introduction to concepts of anticipation, recognition, evaluation, and control of exposure.									
HSP	SPH	OHS	2000	Essentials of Occupational Hygiene and Professions	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to occupational hygiene and professions including historical developments, health and safety program concepts, social and legislative requirements, professional relationships, and general introduction to concepts of anticipation, recognition, evaluation, and control of exposure.									
HSP	SPH	OHS	2900	Special Topics in Occupational Hygiene and Professions	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	OHS	2900	Special Topics in Occupational Hygiene and Professions	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	OHS	4000	Occupational Hygiene and Professions Sampling and Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.	LAB	LB	4	0		N	U30		0
HSP	SPH	OHS	4000	Occupational Hygiene and Professions Sampling and Analysis ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.	LEC	LE	4	0		N	U30		0
HSP	SPH	OHS	4100	Toxicology for the Health Sciences ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.	LEC	EL	3	0		N	U30		0
HSP	SPH	OHS	4100	Toxicology for the Health Sciences ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.	LEC	LE	3	0		N	U30		0
HSP	SPH	OHS	4200	Industrial Ventilation with Laboratory ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.	LAB	LB	4	0		N	U30		0
HSP	SPH	OHS	4200	Industrial Ventilation with Laboratory ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.	LEC	LE	4	0		N	U30		0
HSP	SPH	OHS	4300	Laboratory Safety and Hygiene ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.	LEC	EL	3	0		N	U30		0
HSP	SPH	OHS	4300	Laboratory Safety and Hygiene ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.	LEC	LE	3	0		N	U30		0
HSP	SPH	OHS	4400	Physical Hazards Evaluation and Control ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Designed to provide a functional knowledge of methods used to evaluate and control noise, vibration, heat, ergonomic stressors, and other factors affecting the health and well-being of the worker.	LEC	LE	3	0		N	U30		0
HSP	SPH	OHS	4500	Public Health Emergency Response ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Content integrates hazardous materials issues from the last century with evolving public health response requirements in the post-9/11 society.	LEC	EL	3	0		N	U30		0
HSP	SPH	OHS	4500	Public Health Emergency Response ELIGIBLE GRADES: GEC1: A-F REQUISITE: IH 2000 COURSE DESC: Content integrates hazardous materials issues from the last century with evolving public health response requirements in the post-9/11 society.	LEC	LE	3	0		N	U30		0
HSP	SPH	OHS	4900	Special Topics in Occupational Hygiene and Professions ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
HSP	SPH	OHS	4900	Special Topics in Occupational Hygiene and Professions ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	OHS	4930	Independent Study	IND	EL	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: IH 2000 and IH major									
HSP	SPH	OHS	4930	Independent Study	IND	IS	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: IH 2000 and IH major									
HSP	SPH	OHS	5000	Occupational Hygiene and Professions Sampling and Analysis	LAB	LB	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.									
HSP	SPH	OHS	5000	Occupational Hygiene and Professions Sampling and Analysis	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.									
HSP	SPH	OHS	5100	Toxicology for the Health Sciences	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.									
HSP	SPH	OHS	5100	Toxicology for the Health Sciences	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.									
HSP	SPH	OHS	5200	Industrial Ventilation with Laboratory	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.									
HSP	SPH	OHS	5200	Industrial Ventilation with Laboratory	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.									
HSP	SPH	OHS	5300	Laboratory Safety and Hygiene	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.									
HSP	SPH	OHS	5300	Laboratory Safety and Hygiene	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.									
HSP	SPH	OHS	5400	Physical Hazards Evaluation and Control	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Designed to provide a functional knowledge of methods used to evaluate and control noise, vibration, heat, ergonomic stressors, and other factors affecting the health and well-being of the worker.									
HSP	SPH	OHS	5900	Special Topics in Occupational Hygiene and Professions	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE:									
				CR, PR Specific course content will vary with offering.									
HSP	SPH	OHS	5900	Special Topics in Occupational Hygiene and Professions	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE:									
				CR, PR Specific course content will vary with offering.									

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HSP	SPH	OHS	6900	Special Topics in Occupational Hygiene and Professions	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	OHS	6900	Special Topics in Occupational Hygiene and Professions	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	OHS	6930	Independent Study in Occupational Hygiene and Professions	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Advanced individual creative and scholarly work in occupational hygiene and professions, and closely related fields.									
HSP	SPH	OHS	6930	Independent Study in Occupational Hygiene and Professions	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Advanced individual creative and scholarly work in occupational hygiene and professions, and closely related fields.									
HSP	SPH	SW	1000	Introduction to Social Work and Social Welfare	LEC	EL	3	0	2SS	N	U10		20
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, and corrections. Within this context, various career options and professional roles will be described, including that of social work.									
HSP	SPH	SW	1000	Introduction to Social Work and Social Welfare	LEC	LE	3	0	2SS	N	U10		20
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, and corrections. Within this context, various career options and professional roles will be described, including that of social work.									
HSP	SPH	SW	2601C	Social Welfare Overview and Trends	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SW 1000 and ENG 1510 or ENG 1610									
		COURSE DESC:		The first of a two-course sequence that covers the social welfare policy and services content of the foundation curriculum for undergraduate social work education. Introduces the basic concepts, social work values, ethics, and principles to understand social welfare programs and services. Explores the historical content and evolution of social welfare policy and how the dominant values, contextual factors, and ideologies shape policy in a broad range of social welfare arenas. This course requires 20 hours of service learning.									
HSP	SPH	SW	2900	Special Topics in Social Work	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	SW	2900	Special Topics in Social Work	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	SW	2970T	Social Work Honors Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial incorporating the Social Work content In conjunction with SW 1000.									
HSP	SPH	SW	2971T	Social Work Honors Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Individualized core tutorial for HTC students only.									
HSP	SPH	SW	2980T	Social Work Honors Tutorial SW 3602	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Tutorial on social policy.									
HSP	SPH	SW	2981T	Social Work Honors Tutorial	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Individualized core tutorial for HTC students only.									

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HSP	SPH	SW	3203	International Social Work and Social Welfare	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: POLS 1010 and SOC 1000								
				COURSE DESC: Explores international social work and social welfare in the context of global social issues. Although the course uses the African continent as its primary focus, readings and other course materials also provide information about other international contexts. Presents an overview of the social work profession, the impact of global interdependence on social work practice, and historical and current social welfare challenges facing the developed and developing countries.									
HSP	SPH	SW	3213	Child Abuse and Neglect	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: Jr or Sr								
				COURSE DESC: Designed for social work students and other students interested in human services. Explores child abuse and neglect within an ecological and family systems perspective. Emphasizes an interdisciplinary viewpoint and incorporates experiences in the community. Examine theories of causation of child abuse and neglect, issues in recognition, assessment, intervention, treatment, follow-up, and related issues of family violence and substance abuse. Incorporates discussion of social work values, ethics, and historical traditions in child welfare practice, including understanding issues of diversity for individuals and families. Consider child welfare policy issues, including advocacy issues, in relation to child protection, intervention with diverse populations, and treatment. The questions we are asking in this course are: Using an ecological perspective, what are the meanings of child abuse and neglect to individuals, to families, and to society? Understanding some of these meanings, what are some recommendations for social policy response?									
HSP	SPH	SW	3233	Counseling Older Adults	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: PSY 1010 and (Jr or Sr)								
				COURSE DESC: Focuses on basic counseling, communication, and intervention skills needed by persons working with aged. Problems specific to later years discussed. Field work component provides opportunity for interaction with older adults.									
HSP	SPH	SW	3243	Social Welfare Law	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:								
				COURSE DESC: Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	SW	3243	Social Welfare Law	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:								
				COURSE DESC: Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	SW	3253	Understanding Management and Supervision in Social Work Agencies	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: Jr or Sr								
				COURSE DESC: Focuses on management and supervision from the perspective of the beginning direct service social worker. In addition to an overview of principles of administration and supervision that are relevant to human service agencies, the course focuses on how social work interns and beginning employees can best make use of supervision and management to improve their practice and client services.									
HSP	SPH	SW	3253	Understanding Management and Supervision in Social Work Agencies	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: Jr or Sr								
				COURSE DESC: Focuses on management and supervision from the perspective of the beginning direct service social worker. In addition to an overview of principles of administration and supervision that are relevant to human service agencies, the course focuses on how social work interns and beginning employees can best make use of supervision and management to improve their practice and client services.									
HSP	SPH	SW	3263	Chemical Dependency	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: Jr or Sr								
				COURSE DESC: Explores policy issues relevant to chemical abuse, theories concerning the causes of addiction, evidenced-based treatment and prevention, the effects of various drugs, and the ethics/social justice issues relevant to chemical abuse. Examines substance abuse across systems (micro, mezzo, and macro).									
HSP	SPH	SW	3273	Mental Health and Social Work	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: SW 1000								
				COURSE DESC: Explores the history of mental health policies, cross-cultural issues, stereotypes associated with mental illness, the ethics of mental health practice, and social work practice based on a strengths model.									
HSP	SPH	SW	3283	Social Work in Health Care	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: SW 1000								
				COURSE DESC: Provides an overview of health care policy and service delivery and the roles filled by social workers. Examines the ways services are perceived by and delivered to diverse populations, emphasizing social work values.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	3293	Aging in American Society	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in Tier II Social Science and (Jr or Sr) and	WARNING: not SW 395						
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	SW	3293	Aging in American Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in Tier II Social Science and (Jr or Sr) and	WARNING: not SW 395						
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	SW	3602	Social Welfare Policy	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW 1000 and 2601							
		COURSE DESC:		The second of a two-course sequence that covers the social welfare policy and practice content of the foundation curriculum for undergraduate social work education. Examines social policy stressing relationships between policy and social welfare organizations and agency funding; the practice of policy development and analysis; and the role of policy in social worker decision-making, advocacy, and practice. Expands on basic concepts, social work values, ethics, and principles.									
HSP	SPH	SW	3602	Social Welfare Policy	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW 1000 and 2601							
		COURSE DESC:		The second of a two-course sequence that covers the social welfare policy and practice content of the foundation curriculum for undergraduate social work education. Examines social policy stressing relationships between policy and social welfare organizations and agency funding; the practice of policy development and analysis; and the role of policy in social worker decision-making, advocacy, and practice. Expands on basic concepts, social work values, ethics, and principles.									
HSP	SPH	SW	3701	Dynamics of Human Behavior	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1030 and PSY 2410 and SW major							
		COURSE DESC:		Presents a holistic approach to human development and assessing social functioning with emphasis on human diversity and integration of knowledge of behavior fundamental to the practice of social work. Examine human development utilizing the biopsychosocial and life course perspectives, with emphasis on human development of culture, race, ethnicity, gender, sexual orientation, and class.									
HSP	SPH	SW	3701	Dynamics of Human Behavior	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1030 and PSY 2410 and SW major							
		COURSE DESC:		Presents a holistic approach to human development and assessing social functioning with emphasis on human diversity and integration of knowledge of behavior fundamental to the practice of social work. Examine human development utilizing the biopsychosocial and life course perspectives, with emphasis on human development of culture, race, ethnicity, gender, sexual orientation, and class.									
HSP	SPH	SW	3801	Introduction to Social Work Practice Methods	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW major and (Jr or Sr)							
		COURSE DESC:		Focuses on development of effective social work communication skills as they relate to social work relationship and professional practice. Learn to apply social work ethics to practice especially in regard to diverse populations. Cultural sensitivity and professional self awareness will also be components of the course.									
HSP	SPH	SW	3801	Introduction to Social Work Practice Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW major and (Jr or Sr)							
		COURSE DESC:		Focuses on development of effective social work communication skills as they relate to social work relationship and professional practice. Learn to apply social work ethics to practice especially in regard to diverse populations. Cultural sensitivity and professional self awareness will also be components of the course.									
HSP	SPH	SW	3870	Research Methods in Social Work	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 2110 and SW major and (Jr or Sr)							
		COURSE DESC:		Provides undergraduate social work students with an understanding of research methods that social workers use to study effectiveness of their practice as well as build and expand knowledge for development and improvement of social work practice at all levels. Examines measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, evaluation of practice with clients and groups, quantitative and qualitative research, ethical issues, and the writing of research reports.									
HSP	SPH	SW	3870	Research Methods in Social Work	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 2110 and SW major and (Jr or Sr)							
		COURSE DESC:		Provides undergraduate social work students with an understanding of research methods that social workers use to study effectiveness of their practice as well as build and expand knowledge for development and improvement of social work practice at all levels. Examines measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, evaluation of practice with clients and groups, quantitative and qualitative research, ethical issues, and the writing of research reports.									
HSP	SPH	SW	3970T	Social Work Honors Tutorial SW 3801	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial parallels SW 3801									
HSP	SPH	SW	3980T	Social Work Honors Tutorial SW 3940	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial in conjunction with SW 3940 Social Work Research Methods									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	4223	Child Welfare I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in Tier II Social Sciences and Sr only							
		COURSE DESC:		The first of a two-course series that provides knowledge, concepts, and fundamental skills needed for beginning level practice in public and private child welfare. Focuses on interventions to protect children from abuse, neglect, and sexual abuse by strengthening, supporting, and empowering their families. Organized around four themes. First, content is provided on the mission and scope of child welfare practice, articulating the underlying philosophy and values that drive child welfare practice, and addressing cultural and relationship issues when working with families. Second, the course provides conceptual and practical information on identifying child maltreatment, assessing family needs and strengths, and determining both immediate and long-term risk to children of future maltreatment. Third, information is presented on case planning and applying a casework model to working with families. Fourth, content is presented on interviewing skills in child welfare setting, especially as these skills relate to family assessment and case planning activities.									
HSP	SPH	SW	4224	Child Welfare II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW 4223 and 12 hour Tier II Social Sciences and Sr only							
		COURSE DESC:		The second in a series of two child welfare courses. Continues with a family-centered and strength-based approach to child welfare services that addresses the developmental and permanence needs of children in the child welfare system. The Caseworker Core Training content is divided into five core modules covering: assessment in family-centered child protective services; investigative processes in family-centered child protective services; case planning and family-centered casework; child development and implications for family-centered child protective services; and separation, placement, and reunification in family-centered child protective services. Explores the phenomenon of traumatic stress as a topic of increasing importance in child welfare/social work practice and how secondary traumatic stress is derived from the social worker-client relationship. Allow social workers to prevent and intervene in secondary traumatic stress in themselves, colleagues, clients, and organizations.									
HSP	SPH	SW	4801	Social Work Practice I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr and Social Work major (BA6601 or BS6605)							
		COURSE DESC:		The first of the two semester senior social work practice courses, SW 4801 is designed to teach students the basic concepts and skills of generalist social work, focusing on both micro practice, particularly assessment of individuals and families, and macro practice, beginning assessment of organizations and communities. Classwork focuses on learning the skills of social work intervention with individuals and families, groups, and social systems at all levels. Introduces and guides students through the initial stages of practice evaluation used for purposes such as analyzing the level of goal attainment and the effectiveness of interventions with individuals, groups, families or communities.									
HSP	SPH	SW	4802	Social Work Practice II	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr and Social Work major (BS6605 or BA6601) and SW 4801							
		COURSE DESC:		This is the second and final course in the undergraduate social work practice sequence. Develops the generalist intervention model and applies the model to working with families, groups, and communities, illustrating social work practitioners' roles of counselor, educator, broker, case manager, advocate, and introduces roles of mobilizer and evaluator. Content related to the promotion of social and economic justice with oppressed and disadvantaged populations is introduced, with special attention to social injustice among racial and ethnic minorities, the economically disenfranchised, Appalachians and GLBT people. This course is held in conjunction with the social work field experience.									
HSP	SPH	SW	4900C	Special Topics in Social Work	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	SW	4921	Field Seminar I	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		First of a two semester series, taken concurrently with SW 4960 and 4920. Provides an opportunity to integrate field experience with coursework and personal reflection. Through discussion and journaling, students process activities, questions, and concerns related to the field practicum. Students develop analytical, written, and presentation skills through assignments focused on use of self within the context of a social service organization. A variety of practice issues are addressed in a regional context including diversity, social justice, social work values and ethics, self-understanding, and professional development. NOTE; this course may be retaken only once (excluding withdrawals) with permission.									
HSP	SPH	SW	4921	Field Seminar I	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		First of a two semester series, taken concurrently with SW 4960 and 4920. Provides an opportunity to integrate field experience with coursework and personal reflection. Through discussion and journaling, students process activities, questions, and concerns related to the field practicum. Students develop analytical, written, and presentation skills through assignments focused on use of self within the context of a social service organization. A variety of practice issues are addressed in a regional context including diversity, social justice, social work values and ethics, self-understanding, and professional development. NOTE; this course may be retaken only once (excluding withdrawals) with permission.									
HSP	SPH	SW	4922	Field Seminar II	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Second of two semester sequence, taken concurrently with SW 4970 and SW 4921. Students will integrate practice experiences with academic content utilizing a variety of in-class and out-of-class activities and assignments; students will demonstrate a variety of social work skills. NOTE: This course may be retaken only once (excluding withdrawal) with permission.									
HSP	SPH	SW	4923	Field Practicum I	PRA	PR	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	PR, F							
		COURSE DESC:		First of a two semester sequence, taken concurrently with SW 4960 & SW 4910. A first semester placement experience, during which students begin with observation and gradually progress toward independently assuming the social work roles of teacher, broker, counselor/clinician, and advocate in generalist practice.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	4924	Field Practicum II	PRA	PR	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Second of a two semester sequence, taken concurrently with SW 4970 & 4911. A second semester placement experience, during which students gradually progress toward independently assuming the social work roles of teacher, broker, counselor/clinician, and advocate in generalist practice.									
HSP	SPH	SW	4930	Independent Studies and Special Projects in Social Work	IND	EL	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 12 Hours in SW									
		COURSE DESC:		Student responsible for design and implementation of course of study or special project in area related to social work. Student interested in course must submit proposal for approval by department chair at least 30 days prior to enrollment in course.									
HSP	SPH	SW	4930	Independent Studies and Special Projects in Social Work	IND	IS	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 12 Hours in SW									
		COURSE DESC:		Student responsible for design and implementation of course of study or special project in area related to social work. Student interested in course must submit proposal for approval by department chair at least 30 days prior to enrollment in course.									
HSP	SPH	SW	4970T	Social Work Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		HTC thesis.									
HSP	SPH	SW	4980T	Social Work Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Final Social Work HTC									
HSP	SPH	SW	5101	Social Work Orientation Seminar	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSW student with clinical concentration									
		COURSE DESC:		Introduces the unique geographic region of Central Appalachian Ohio. Explores values, cultural systems, and social issues and examines the historical, economic, sociological, educational, spiritual, cultural, and political aspects of the Appalachian region and their impact on social welfare institutions and the services they provide.									
HSP	SPH	SW	5101	Social Work Orientation Seminar	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSW student with clinical concentration									
		COURSE DESC:		Introduces the unique geographic region of Central Appalachian Ohio. Explores values, cultural systems, and social issues and examines the historical, economic, sociological, educational, spiritual, cultural, and political aspects of the Appalachian region and their impact on social welfare institutions and the services they provide.									
HSP	SPH	SW	5203	International Social Work and Social Welfare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores international social work and social welfare in the context of global social issues. Although the course uses the African continent as its primary focus, readings and other course materials also provide information about other international contexts. Presents an overview of the social work profession, the impact of global interdependence on social work practice, and historical and current social welfare challenges facing the developed and developing countries.									
HSP	SPH	SW	5213	Child Abuse and Neglect	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed for social work students and other students interested in human services. Explores child abuse and neglect within an ecological and family systems perspective. Emphasizes an interdisciplinary viewpoint and incorporates experiences in the community. Examine theories of causation of child abuse and neglect, issues in recognition, assessment, intervention, treatment, follow-up, and related issues of family violence and substance abuse. Incorporates discussion of social work values, ethics, and historical traditions in child welfare practice, including understanding issues of diversity for individuals and families. Consider child welfare policy issues, including advocacy issues, in relation to child protection, intervention with diverse populations, and treatment. The questions we are asking in this course are: Using an ecological perspective, what are the meanings of child abuse and neglect to individuals, to families, and to society? Understanding some of these meanings, what are some recommendations for social policy response?									
HSP	SPH	SW	5223	Child Welfare I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		The first of a two-course series that provides knowledge, concepts, and fundamental skills needed for beginning level practice in public and private child welfare. Focuses on interventions to protect children from abuse, neglect, and sexual abuse by strengthening, supporting, and empowering their families. Organized around four themes. First, content is provided on the mission and scope of child welfare practice, articulating the underlying philosophy and values that drive child welfare practice, and addressing cultural and relationship issues when working with families. Second, the course provides conceptual and practical information on identifying child maltreatment, assessing family needs and strengths, and determining both immediate and long-term risk to children of future maltreatment. Third, information is presented on case planning and applying a casework model to working with families. Fourth, content is presented on interviewing skills in child welfare setting, especially as these skills relate to family assessment and case planning activities.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	5224	Child Welfare II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The second in a series of two child welfare courses. Continues with a family-centered and strength-based approach to child welfare services that addresses the developmental and permanence needs of children in the child welfare system. The Caseworker Core Training content is divided into five core modules covering: assessment in family-centered child protective services; investigative processes in family-centered child protective services; case planning and family-centered casework; child development and implications for family-centered child protective services; and separation, placement, and reunification in family-centered child protective services. Explores the phenomenon of traumatic stress as a topic of increasing importance in child welfare/social work practice and how secondary traumatic stress is derived from the social worker-client relationship. Allow social workers to prevent and intervene in secondary traumatic stress in themselves, colleagues, clients, and organizations.									
HSP	SPH	SW	5233	Counseling Older Adults	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Focuses on basic counseling, communication, and intervention skills needed by persons working with aged. Problems specific to later years discussed. Field work component provides opportunity for interaction with older adults.									
HSP	SPH	SW	5243	Social Welfare Law	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	SW	5243	Social Welfare Law	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	SW	5263	Chemical Dependency	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores policy issues relevant to chemical abuse, theories concerning the causes of addiction, evidenced-based treatment and prevention, the effects of various drugs, and the ethics/social justice issues relevant to chemical abuse. Examines substance abuse across systems (micro, mezzo, and macro).									
HSP	SPH	SW	5273	Mental Health and Social Work	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores the history of mental health policies, cross-cultural issues, stereotypes associated with mental illness, the ethics of mental health practice, and social work practice based on a strengths model.									
HSP	SPH	SW	5283	Social Work in Health Care	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides an overview of health care policy and service delivery and the roles filled by social workers. Examines the ways services are perceived by and delivered to diverse populations, emphasizing social work values.									
HSP	SPH	SW	5293	Aging in American Society	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	SW	5293	Aging in American Society	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	SW	5601	Social Welfare Policy and Services I:History of Social Welfare and Social Work	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Presents a multicultural historical review of social service delivery systems, and the development of the social work profession, with a focus on the historic lack of attention to rural needs and rural policy. Consideration is given to the structure, operation, implementation and outcomes of social services; values and ethics in social policy; the meaning of oppression and social justice; and the impact of social policy and social work practice on the needs of the poor and oppressed, including women, people of color, and other groups of particular concern to social work.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	5601	Social Welfare Policy and Services I:History of Social Welfare and Social Work	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Presents a multicultural historical review of social service delivery systems, and the development of the social work profession, with a focus on the historic lack of attention to rural needs and rural policy. Consideration is given to the structure, operation, implementation and outcomes of social services; values and ethics in social policy; the meaning of oppression and social justice; and the impact of social policy and social work practice on the needs of the poor and oppressed, including women, people of color, and other groups of particular concern to social work.									
HSP	SPH	SW	5602	Social Welfare Policy and Services II: Special Topics in Social Welfare	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SW 5601						
		COURSE DESC:		Theories and frameworks analyze the development, operation, impact and strategies for change in today's social welfare policies and services. Responding to contemporary policy development throughout the United States, with emphasis on federal, Ohio and Appalachian-targeted policies, explores settings, population groups and social policy. Students apply analytic skills to deepen their knowledge about how settings, populations and issues are influenced and shaped by social needs, social policy, ethical questions, oppression and concerns for social and economic justice.									
HSP	SPH	SW	5602	Social Welfare Policy and Services II: Special Topics in Social Welfare	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SW 5601						
		COURSE DESC:		Theories and frameworks analyze the development, operation, impact and strategies for change in today's social welfare policies and services. Responding to contemporary policy development throughout the United States, with emphasis on federal, Ohio and Appalachian-targeted policies, explores settings, population groups and social policy. Students apply analytic skills to deepen their knowledge about how settings, populations and issues are influenced and shaped by social needs, social policy, ethical questions, oppression and concerns for social and economic justice.									
HSP	SPH	SW	5701	Human Behavior in the Social Environment I: Human Development and Diversity	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Graduate Standing in SW						
		COURSE DESC:		Applies the bio-psycho-social framework, life course perspective and systems theory to understanding human development and diversity.									
HSP	SPH	SW	5701	Human Behavior in the Social Environment I: Human Development and Diversity	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Graduate Standing in SW						
		COURSE DESC:		Applies the bio-psycho-social framework, life course perspective and systems theory to understanding human development and diversity.									
HSP	SPH	SW	5702	Human Behavior in the Social Environment II: Social Work Theory and Applications	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores reciprocal influences of biology, psychology, and social functioning; analysis and beginning application of theories used in social work to assess systems at micro, mezzo and macro levels.									
HSP	SPH	SW	5702	Human Behavior in the Social Environment II: Social Work Theory and Applications	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Explores reciprocal influences of biology, psychology, and social functioning; analysis and beginning application of theories used in social work to assess systems at micro, mezzo and macro levels.									
HSP	SPH	SW	5801	Social Work Practice I: Foundations of Practice	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SW 5921 or concurrent						
		COURSE DESC:		First of a two-course sequence providing foundation knowledge and skills for social work practice. Provides a conceptual framework for generalist practice. Maintaining a person-in-environment focus, students utilize a strengths-based problem-solving model that incorporates awareness of the impact of social work values and ethics on all levels of practice. Students develop an understanding of how various aspects of diversity impact practice and formulate a range of practice interventions based on empowerment and social and economic justice within a rural environment. Also integrates content on social work practice methods and biological, psychological and social theories of human behavior to enable students to assess individuals and families. The professional role, the nature of self-knowledge, self-discipline, and availability of other resources required for professional performance are emphasized.									
HSP	SPH	SW	5802	Social Work Practice II: Groups and Communities	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	SW 5801 and 5921 and (5922 concurrent)						
		COURSE DESC:		Examines the systems in which people live, work, and are served, with focus on principles of social work practice that may be used to empower people to access, negotiate with, influence, and change various systems within communities and organizations. Integrates content on social work practice methods and biological, psychological and social theories of human behavior to enable students to assess groups and the situations in which they are involved. The professional role, the nature of self-knowledge, self-discipline, and availability of other resources required for professional performance are emphasized.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	5900C	Special Topics in Social Work	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	SW	5921	Foundation Field I	PRA	PR	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: SW 5801 or concurrent PR, F									
		COURSE DESC:		Prepares students to apply social work research and interventions for generalist practice. The student will be assisted in progressively building a solid substructure of knowledge, skills, values and ethics in social work practice in conjunction with professional development within the context of an individual field placement in an agency in rural Appalachia. Requires 16 hours per week in a social agency.									
HSP	SPH	SW	5922	Foundation Field II	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: SW 5801 and 5921 and (SW 5802 concurrent) PR, F									
		COURSE DESC:		Continues the preparation of students to apply social work research and theory to practice and to develop roles and interventions for generalist practice. The student will be assisted in progressively building a solid substructure of knowledge, skills, values and ethics in social work practice, in conjunction with professional development within the context of an individual field placement in an agency in rural Appalachia. Requires 20 hours per week in a social agency.									
HSP	SPH	SW	5930	Independent Study	IND	EL	1 to 3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Enable students to focus on the study of a topic of particular interest to them which may not be of broad enough interest to warrant the development of a standard elective. Individually designed by a student and faculty member to meet educational needs not met by existing core curriculum or elective courses.									
HSP	SPH	SW	5930	Independent Study	IND	IS	1 to 3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Enable students to focus on the study of a topic of particular interest to them which may not be of broad enough interest to warrant the development of a standard elective. Individually designed by a student and faculty member to meet educational needs not met by existing core curriculum or elective courses.									
HSP	SPH	SW	6101	The Rural Social Agency	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasizes agency-based practice focused on bringing about planned change in the organization. Encourages students to be as analytical about their organizations as they are about individuals, groups, and communities, and emphasize the partnership that should exist between direct service practitioners and managers to develop a supportive and open problem-solving environment in the social service agency. Problem definition, problem assessment, identification of intervention, design of interventions, use of staff, intervention costs and intervention effectiveness are covered.									
HSP	SPH	SW	6101	The Rural Social Agency	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasizes agency-based practice focused on bringing about planned change in the organization. Encourages students to be as analytical about their organizations as they are about individuals, groups, and communities, and emphasize the partnership that should exist between direct service practitioners and managers to develop a supportive and open problem-solving environment in the social service agency. Problem definition, problem assessment, identification of intervention, design of interventions, use of staff, intervention costs and intervention effectiveness are covered.									
HSP	SPH	SW	6102	Integrative Seminar	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing in SW									
		COURSE DESC:		This capstone course incorporates content from the entire MSW curriculum, including the field practicum. It also includes case analysis reflecting problem based learning. Uses an action learning format with a theoretical base in cognitive constructionism, making use of projects and work tasks that simulate professional contacts to survey legislation, policies, theories, research, programs and practices.									
HSP	SPH	SW	6810	Advanced Social Work Assessment	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Enrolled in MSW program or permission PR									
		COURSE DESC:		This course introduces students to the assessment and accurate diagnostic understanding of mental disorders. Includes a focus on treatment interventions. Additionally, includes a focus on biopsychosocial spiritual assessments, the impact of difference and diversity, the impact of rural culture, and the implications of this knowledge for relationship building and treatment planning. Ethical issues related to assessment and diagnosis are also covered.									
HSP	SPH	SW	6811	Direct Practice with Children, Adolescents, and Groups	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing in SW									
		COURSE DESC:		Develop skills for social work practice with children and adolescents living in rural communities. Students will learn to evaluate a variety of intervention methods and theories, as applied to working with children and adolescents in individual and group settings. Focuses on diversity, gender and rural communities as contributors to child and adolescent development and incorporates environmental and systems perspectives.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	6811	Direct Practice with Children, Adolescents, and Groups	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Graduate Standing in SW							
		COURSE DESC:		Develop skills for social work practice with children and adolescents living in rural communities. Students will learn to evaluate a variety of intervention methods and theories, as applied to working with children and adolescents in individual and group settings. Focuses on diversity, gender and rural communities as contributors to child and adolescent development and incorporates environmental and systems perspectives.									
HSP	SPH	SW	6812	Direct Practice with Adults, Families, and Communities	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MSW student with clinical concentration							
		COURSE DESC:		Prepares students to provide social work services to families in rural communities. It also integrates material from SW 651 and 652 such as social groupwork practice and assessment an intervention in rural environments. Enhances student understanding of practice with diverse populations, including non-traditional families in rural communities.									
HSP	SPH	SW	6821	Social Work Administration	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.							
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	SW	6821	Social Work Administration	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.							
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	SW	6821	Social Work Administration	RSC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.							
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	SW	6821	Social Work Administration	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.							
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	SW	6822	Designing Rural Services	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.							
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	SW	6822	Designing Rural Services	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.							
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	SW	6822	Designing Rural Services	RSC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.							
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	SW	6822	Designing Rural Services	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.							
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	SW	6900	Special Topics in Graduate Social Work	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course number will be used for experimental courses being offered while they are going through the UCC process. On occasion, courses will be developed on a one time basis to respond to emerging or one time issues not addressed elsewhere in the curriculum.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	SW	6900	Special Topics in Graduate Social Work	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course number will be used for experimental courses being offered while they are going through the UCC process. On occasion, courses will be developed on a one time basis to respond to emerging or one time issues not addressed elsewhere in the curriculum.									
HSP	SPH	SW	6921	Advanced Field Practicum I	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Must complete the foundation year of the MSW Program or be admitted to Advanced Standing. PR, F These two field practicum courses assist the student in progressively building upon the substructure of knowledge, skills, values, and ethics of social work practice which was acquired during the foundational field experience. Within a context of academic work in the four curricular areas in conjunction with an individual placement in an agency in rural Appalachia and a close mentoring relationship with a field instructor, the student will develop advanced clinical practice skills, will strive to clarify personal and professional values and ethics, and will further solidify a professional identity. Within this framework, the specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.									
HSP	SPH	SW	6922	Advanced Field Practicum II	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		SW 6921 PR, F These two field practicum courses assist the student in progressively building upon the substructure of knowledge, skills, values, and ethics of social work practice which was acquired during the foundational field experience. Within a context of academic work in the four curricular areas in conjunction with an individual placement in an agency in rural Appalachia and a close mentoring relationship with a field instructor, the student will develop advanced clinical practice skills, will strive to clarify personal and professional values and ethics, and will further solidify a professional identity. Within this framework, the specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.									
HSP	SPH	SW	6941	Social Work Research & Program Evaluation I	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Prepares students to write a research proposal, in conjunction with their field supervisors, to address a problem of concern to their field agency. Explores quantitative and qualitative research methods, and the components of research proposal, including: problem formulation, development of hypotheses, and design of a sound, ethical study that conforms to IRB standards. The course also foreshadows data collection, analysis, interpretation and report writing.									
HSP	SPH	SW	6941	Social Work Research & Program Evaluation I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Prepares students to write a research proposal, in conjunction with their field supervisors, to address a problem of concern to their field agency. Explores quantitative and qualitative research methods, and the components of research proposal, including: problem formulation, development of hypotheses, and design of a sound, ethical study that conforms to IRB standards. The course also foreshadows data collection, analysis, interpretation and report writing.									
HSP	SPH	SW	6942	Social Work Research & Program Evaluation II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		SW 6941 This course builds on previous course S W 6610, where students reviewed to basics of social work research methods to write a research project proposal. During the course, students will learn statistical analyses including descriptive and inferential statistics to complete the proposed research project approved by OU IRB and/or ethical guidelines of conducting social work research. Students will complete collection of data, and analysis of data using selective procedures. Students will use the appropriate analysis skills to analyze data collected for their evaluative or explanatory projects. Students will get experience of presenting their study verbally to their peers and other academic visitors such as field instructors and faculty members as well as write a publishable manuscript using APA style.									
HSP	SPH	SW	6942	Social Work Research & Program Evaluation II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		SW 6941 This course builds on previous course S W 6610, where students reviewed to basics of social work research methods to write a research project proposal. During the course, students will learn statistical analyses including descriptive and inferential statistics to complete the proposed research project approved by OU IRB and/or ethical guidelines of conducting social work research. Students will complete collection of data, and analysis of data using selective procedures. Students will use the appropriate analysis skills to analyze data collected for their evaluative or explanatory projects. Students will get experience of presenting their study verbally to their peers and other academic visitors such as field instructors and faculty members as well as write a publishable manuscript using APA style.									
HSP	SPH	T3	4010	Climate Change and Public Health	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Sr and EH 2000, GEOG 2400, GEOL 2150, or PBIO 1030 This course offers a synthesis of the health, social, community, and physical factors of climate change that are related to public health outcomes. Topics include human health effects from vector-, water-, and foodborne diseases; disaster and weather-related health effects; and strategies to minimize or mitigate adverse public health outcomes.									
HSP	SPH	T3	4700	Global Public Health	LEC	EL	5	0	3	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Sr and permission required Global Public Health is typically a study-abroad offering lasting 2-5 weeks in the hosting country or continent, but it may be presented locally as well. In the course, basic public health elements of selected locations are explored and connections made in the larger context of global health issues.									

**MASTER CURRICULUM FILE
 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	T3	4700	Global Public Health	LEC	LE	5	0	3	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Sr and permission required						
		COURSE DESC:		Global Public Health is typically a study-abroad offering lasting 2-5 weeks in the hosting country or continent, but it may be presented locally as well. In the course, basic public health elements of selected locations are explored and connections made in the larger context of global health issues.									
HSP	SPH	T3	4740	Thanatology	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Sr only						
		COURSE DESC:		Synthesizes components inherent in current philosophical and religious views and beliefs, psychological and clinical dimensions, sociological factors, and ethical and moral issues of death in context of defining and coping with death.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	HC	2400	Introduction to OHIO Honors	DIS	DI	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: OHIO Honors Program									
		COURSE DESC:		CR Introduces students in the OHIO Honors program to core concepts in the three honors engagement pathways (research and creative activity, leadership, and community engagement).									
HTC	HTC	HC	2410	OHIO Honors Engagement Lab	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Student in the OHIO Honors program									
		COURSE DESC:		This course uses the principles of design thinking to introduce OHIO Honors students to the foundations of the three honors engagement pathways: leadership, community engagement, and research and creative activity. Lectures discuss the theory and methods of design thinking, a creative, empathy-driven, interdisciplinary process for developing user-friendly solutions to everyday challenges people encounter. Lab sections guide students through collaborative, practical application of the design thinking process and reinforce concepts from lectures.									
HTC	HTC	HC	2410	OHIO Honors Engagement Lab	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Student in the OHIO Honors program									
		COURSE DESC:		This course uses the principles of design thinking to introduce OHIO Honors students to the foundations of the three honors engagement pathways: leadership, community engagement, and research and creative activity. Lectures discuss the theory and methods of design thinking, a creative, empathy-driven, interdisciplinary process for developing user-friendly solutions to everyday challenges people encounter. Lab sections guide students through collaborative, practical application of the design thinking process and reinforce concepts from lectures.									
HTC	HTC	HC	2500	Honors Seminar	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Seminar									
HTC	HTC	HC	2900	Special Topics in Honors College	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Selected topics.									
HTC	HTC	HC	2900	Special Topics in Honors College	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Selected topics.									
HTC	HTC	HC	2930	Honors Independent Reading	IND	EL	1 to 10	10		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	HC	2930	Honors Independent Reading	IND	IS	1 to 10	10		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	HC	2940	Research Apprenticeship	RSC	RS	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Provides opportunities for students to learn rudimentary research skills. Each student works on a faculty member's research project as an apprentice learning how to conduct basic research with a discipline or across related disciplines.									
HTC	HTC	HC	2970T	Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		First-Year non-thesis tutorial for students in the Honors Tutorial College studying an interdisciplinary topic.									
HTC	HTC	HC	2971T	Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Second-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	HC	2980T	Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		First-Year non-thesis tutorial for students in the Honors Tutorial College studying an interdisciplinary topic.									
HTC	HTC	HC	2981T	Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Second-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	HC	3000J	Honors Thesis Writing and Research	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Prepares students to use scholarly resources to write senior thesis projects in the Honors Tutorial College. Students are required to master research methods, library resources, the integration of primary and secondary texts, discipline-specific documentation styles, and the conventions of critical writing. Students do extensive outside research, compose annotated bibliographies, write a research prospectus, revise their writing, and make presentations to the class about their work.									
HTC	HTC	HC	3970T	Honors Tutorial	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC									
		COURSE DESC:		Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	HC	3980T	Honors Tutorial ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.	TUT	TU	1 to 15	15		N	U30		0
HTC	HTC	HC	4500	Cutler Scholars Colloquium ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Seminar for Cutler Scholars	SEM	EL	1 to 6	999		N	U30		0
HTC	HTC	HC	4500	Cutler Scholars Colloquium ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Seminar for Cutler Scholars	SEM	SE	1 to 6	999		N	U30		0
HTC	HTC	HC	4900	Special Topics in Honors College ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Selected Topics.	SEM	EL	3	9		N	U30		0
HTC	HTC	HC	4900	Special Topics in Honors College ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Selected Topics.	SEM	SE	3	9		N	U30		0
HTC	HTC	HC	4930	Honors Independent Reading ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Independent Readings	IND	EL	1 to 6	999		N	U30		0
HTC	HTC	HC	4930	Honors Independent Reading ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Independent Readings	IND	IS	1 to 6	999		N	U30		0
HTC	HTC	HC	4970T	Honors Tutorial ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial thesis on an interdisciplinary topic.	TUT	TU	1 to 15	15		N	U30		0
HTC	HTC	HC	4980T	Honors Tutorial ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial thesis on an interdisciplinary topic.	TUT	TU	1 to 15	15		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	AKAN	1110	Elementary Twi (Akan) I	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	1110	Elementary Twi (Akan) I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	1120	Elementary Twi (Akan) II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:	AKAN1110								
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	2110	Intermediate Twi (Akan) I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:	AKAN 1120								
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	2120	Intermediate Twi (Akan) II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:	TWI 2110								
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	2900	Special Topics in Akan	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR									
				Specific course content will vary with offering.									
INST	INST	AKAN	2900	Special Topics in Akan	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR									
				Specific course content will vary with offering.									
INST	INST	AKAN	5110	Elementary Twi (Akan) I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	5120	Elementary Twi (Akan) II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:	AKAN 5110								
				PR									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	5210	Intermediate Twi (Akan) I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:	AKAN 5120								
				PR									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	5220	Intermediate Twi (Akan) II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:	AKAN 5210 or TWI 305								
				PR									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	AKAN	5900	Special Topics in Akan	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		REQUISITE:									
				CR, PR									
				Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	AKAN	5900	Special Topics in Akan	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	GLC	1000	The Global Experience	LEC	LE	1	3		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Fr or Soph PR, F									
		COURSE DESC:		To raise the awareness of a broad range of global issues from an interdisciplinary perspective. To use a problem-based format to address these issues. To foster contacts between American and international students in order to learn about other countries and cultures. To encourage teamwork and collaboration among students and faculty from different disciplines--both face to face and by using Intranet communication software.									
INST	INST	GLC	2010	Building Cross-National Alliances	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intro to GLC. Understanding barriers and opportunities in countries and regions at various stages of development, and the significance of cross-national alliances. Team research and analysis of global ventures in various fields, accounting for relevant legal, economic, political, and social factors. Research and analysis geared toward development in such areas as agriculture, education, public health, the environment, nation-building, and political and social democracy. Examines changing definitions of development and places emphasis on understanding the historical, social, economic, and political circumstances that impact development and communication strategies used to promote development.									
INST	INST	GLC	2010	Building Cross-National Alliances	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Intro to GLC. Understanding barriers and opportunities in countries and regions at various stages of development, and the significance of cross-national alliances. Team research and analysis of global ventures in various fields, accounting for relevant legal, economic, political, and social factors. Research and analysis geared toward development in such areas as agriculture, education, public health, the environment, nation-building, and political and social democracy. Examines changing definitions of development and places emphasis on understanding the historical, social, economic, and political circumstances that impact development and communication strategies used to promote development.									
INST	INST	GLC	2020	Business and Communication in Transitional Societies	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Team research and analysis of global issues, with an emphasis on business, communication, and international relations. Perform country, industry, and company analyses; recommend options and solutions; and present ideas orally and in writing. Focus on issues and challenges faced by companies, organizations, and nongovernmental organizations in transitional societies.									
INST	INST	GLC	2020	Business and Communication in Transitional Societies	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Team research and analysis of global issues, with an emphasis on business, communication, and international relations. Perform country, industry, and company analyses; recommend options and solutions; and present ideas orally and in writing. Focus on issues and challenges faced by companies, organizations, and nongovernmental organizations in transitional societies.									
INST	INST	GLC	2030	Business and Communication in Transitional Societies (Abroad)	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of GLC 2020. Three weeks of 1st Summer Session. Working in conjunction with international students from partner university, GLC students finalize research begun in GLC 2020, prepare appropriate documents and reports, and make final presentation to clients.									
INST	INST	GLC	2030	Business and Communication in Transitional Societies (Abroad)	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of GLC 2020. Three weeks of 1st Summer Session. Working in conjunction with international students from partner university, GLC students finalize research begun in GLC 2020, prepare appropriate documents and reports, and make final presentation to clients.									
INST	INST	GLC	3010	Global Economic Trends and Strategic Alliances	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GLC 2030 or (GLC 203 and 204 and 205)									
		COURSE DESC:		Focuses on how strategic alliances are shaping and changing economic and political relations among the countries of the world, and the impact of such changes on society and culture. Research the development of bilateral trade relations, regional economic groups, and the growth and interdependency of global financial markets. Analysis of how such economic alliances are reflected in geopolitics and international diplomacy, and in cooperative global initiatives in such areas as natural resources, space exploration, education, and sports. Sample project: research global mergers, joint ventures, and alliances in the airline, automotive, and telecommunications industries.									
INST	INST	GLC	3010	Global Economic Trends and Strategic Alliances	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GLC 2030 or (GLC 203 and 204 and 205)									
		COURSE DESC:		Focuses on how strategic alliances are shaping and changing economic and political relations among the countries of the world, and the impact of such changes on society and culture. Research the development of bilateral trade relations, regional economic groups, and the growth and interdependency of global financial markets. Analysis of how such economic alliances are reflected in geopolitics and international diplomacy, and in cooperative global initiatives in such areas as natural resources, space exploration, education, and sports. Sample project: research global mergers, joint ventures, and alliances in the airline, automotive, and telecommunications industries.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	GLC	3020	Global Competition and Industry Trends	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GLC 3010									
		COURSE DESC:		Understanding international trade and global industry structures by comparing and contrasting joint ventures, mergers, and acquisitions. Comparison of markets and industries to determine the advantages and disadvantages of global and cross-industry expansion, and assessment of strategies for entry into new markets or new industries. Broadly defined to include commercial products and services, not-for-profit initiatives in education, or social and economic development. Identification of target market/audience; analysis of competition or environmental assessment.									
INST	INST	GLC	3020	Global Competition and Industry Trends	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GLC 3010									
		COURSE DESC:		Understanding international trade and global industry structures by comparing and contrasting joint ventures, mergers, and acquisitions. Comparison of markets and industries to determine the advantages and disadvantages of global and cross-industry expansion, and assessment of strategies for entry into new markets or new industries. Broadly defined to include commercial products and services, not-for-profit initiatives in education, or social and economic development. Identification of target market/audience; analysis of competition or environmental assessment.									
INST	INST	GLC	4912	International Internship	IND	IS	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Allows students to apply the knowledge and skills obtained in two years of project-based learning on global issues. Taken after sophomore year, with faculty approval. Written report and oral presentation on internship experiences to sophomore and junior GLC students upon return.									
INST	INST	GLC	4912	International Internship	INT	IN	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Allows students to apply the knowledge and skills obtained in two years of project-based learning on global issues. Taken after sophomore year, with faculty approval. Written report and oral presentation on internship experiences to sophomore and junior GLC students upon return.									
INST	INST	GLC	4912	International Internship	RSC	RS	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Allows students to apply the knowledge and skills obtained in two years of project-based learning on global issues. Taken after sophomore year, with faculty approval. Written report and oral presentation on internship experiences to sophomore and junior GLC students upon return.									
INST	INST	HIND	1110	Elementary Hindi-Urdu I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	1120	Elementary Hindi-Urdu II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HIND 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	2110	Intermediate Hindi-Urdu I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HIND 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	2120	Intermediate Hindi-Urdu II	LEC	LE	4	0	2CP	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HIND 2110 and permission required.									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	2900	Special Topics in Hindi-Urdu	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	HIND	2900	Special Topics in Hindi-Urdu	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	HIND	5110	Elementary Hindi-Urdu I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	HIND	5120	Elementary Hindi-Urdu II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	5210	Intermediate Hindi-Urdu I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	5220	Intermediate Hindi-Urdu II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	HIND	5900	Special Topics in Hindi-Urdu	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	HIND	5900	Special Topics in Hindi-Urdu	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	1110	Elementary Indonesian/Malay I	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Beginning course of 2 semester, 1st-year sequence.									
INST	INST	INDO	1120	Elementary Indonesian/Malay II	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 1110									
		COURSE DESC:		Second course of 2 semester, 1st-year sequence.									
INST	INST	INDO	2110	Intermediate Indonesian/Malaysian I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 1120									
		COURSE DESC:		First course of two semester intermediate-level sequence.									
INST	INST	INDO	2120	Intermediate Indonesian II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 2110									
		COURSE DESC:		Second course of two-semester intermediate-level sequence.									
INST	INST	INDO	2900	Special Topics in Indonesian	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	2900	Special Topics in Indonesian	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	3110	Advanced Indonesian I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 2120									
		COURSE DESC:		Beginning course of advanced-level sequence.									
INST	INST	INDO	3120	Advanced Indonesian II	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 3110									
		COURSE DESC:		Final course of advanced-level sequence.									
INST	INST	INDO	3120	Advanced Indonesian II	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 3110									
		COURSE DESC:		Final course of advanced-level sequence.									

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INST	INST	INDO	3930	Special Topics-Indonesian	IND	EL	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR									
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.									
INST	INST	INDO	3930	Special Topics-Indonesian	IND	IS	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR									
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.									
INST	INST	INDO	4900	Special Topics in Indonesian	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	4900	Special Topics in Indonesian	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	5110	Elementary Indonesian/Malay I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Beginning course of 2 semester, 1st-year sequence.									
INST	INST	INDO	5120	Elementary Indonesian/Malay II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5110 PR									
		COURSE DESC:		Second course of 2 semester, 1st-year sequence.									
INST	INST	INDO	5210	Intermediate Indonesian/Malaysian I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5120 PR									
		COURSE DESC:		First course of two semester intermediate-level sequence.									
INST	INST	INDO	5220	Intermediate Indonesian II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5210 or (512 and 513) PR									
		COURSE DESC:		Second course of two-semester intermediate-level sequence.									
INST	INST	INDO	5310	Advanced Indonesian I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5220 or (521 and 522) PR									
		COURSE DESC:		Beginning course of advanced-level sequence.									
INST	INST	INDO	5320	Advanced Indonesian II	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5310 or (522 and 523) PR									
		COURSE DESC:		Final course of advanced-level sequence.									
INST	INST	INDO	5320	Advanced Indonesian II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5310 or (522 and 523) PR									
		COURSE DESC:		Final course of advanced-level sequence.									
INST	INST	INDO	5900	Special Topics in Indonesian	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INDO	5900	Special Topics in Indonesian	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INDO	5930	Special Topics-Indonesian	IND	EL	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.									
INST	INST	INDO	5930	Special Topics-Indonesian	IND	IS	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.									
INST	INST	INST	1001	Cross Cultural Preparation for Study Abroad	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This course deals with the theory and practice of living and studying in other cultures and is designed specifically for students preparing to participate in one of OHIO's education abroad programs. Students gain the culture-general skills and critical thinking to explore and understand both their own culture and the culture of their host country. Through class discussions and homework assignments, students apply the general ideas and concepts discussed in the course to their particular host country. The development of an informed cross cultural perspective is essential if students are to have a transformative learning experience and gain the maximum academic, cultural and social benefit from their academic experience abroad. The cross cultural course component is complemented by a course segment focused on teaching students the skill set required to successfully navigate the logistics of study abroad.									
INST	INST	INST	1001	Cross Cultural Preparation for Study Abroad	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		This course deals with the theory and practice of living and studying in other cultures and is designed specifically for students preparing to participate in one of OHIO's education abroad programs. Students gain the culture-general skills and critical thinking to explore and understand both their own culture and the culture of their host country. Through class discussions and homework assignments, students apply the general ideas and concepts discussed in the course to their particular host country. The development of an informed cross cultural perspective is essential if students are to have a transformative learning experience and gain the maximum academic, cultural and social benefit from their academic experience abroad. The cross cultural course component is complemented by a course segment focused on teaching students the skill set required to successfully navigate the logistics of study abroad.									
INST	INST	INST	1100	Modern Africa	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Interdisciplinary introductory survey of Africa, its culture, history, and modern development. Disciplines include: anthropology, art, dance, economics, education, geography, history, linguistics, literature, and political science.									
INST	INST	INST	1114	Introduction to Southeast Asia	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and exploration of the countries of Southeast Asia: Brunei, Burma (Myanmar), Cambodia, Indonesia, Laos, Malaysia, the Philippines, Singapore, Thailand, Timor-Leste, and Vietnam. Topics include ancient kingdoms, religious traditions, trade, colonization, war, economic development, human rights, and contemporary politics.									
INST	INST	INST	1114	Introduction to Southeast Asia	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Overview and exploration of the countries of Southeast Asia: Brunei, Burma (Myanmar), Cambodia, Indonesia, Laos, Malaysia, the Philippines, Singapore, Thailand, Timor-Leste, and Vietnam. Topics include ancient kingdoms, religious traditions, trade, colonization, war, economic development, human rights, and contemporary politics.									
INST	INST	INST	1400	European Studies	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		An interdisciplinary introduction to Europe and European studies through discussion of selected topics from perspectives of geography, history, politics, sociology, economics, literature, and the arts. Special emphasis is given to post-Cold War issues, problems, and developments.									
INST	INST	INST	1600	Interdisciplinary Survey of Latin America	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to Latin America through geography, politics, sociology, economics, literature, and art. Special emphasis given to 20th-century issues, problems, and developments.									
INST	INST	INST	2100	Africa's Children	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010									
		COURSE DESC:		Involves the undergraduate student in an introductory exploration of African children's roles in the politics, economy, health, education, culture, and work in contemporary Africa and the diaspora.									
INST	INST	INST	2900	Special Topics in International Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	2900	Special Topics in International Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INST	2970T	International Studies Non-Thesis Tutorial I	TUT	TU	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		Introduction to contemporary global studies issues; the state of the field; the overview of methods and basic concepts.									
INST	INST	INST	2971T	International Studies Non-Thesis Tutorial III	TUT	TU	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		In depth discussion of various issues explored in GEOG 2400 and ANTH 1010									
INST	INST	INST	2980T	International Studies Non-Thesis Tutorial II	TUT	TU	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		In depth discussion of various issues explored in POLS 2500 and ECON 1000/1030/1040									
INST	INST	INST	2981T	International Studies Non-Thesis Tutorial IV	TUT	TU	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		In depth discussion of various issues explored in Area Studies [for Latin American /Asian/African/European Studies tracks] (OR) War and Peace [for War and Peace Studies] Core courses									
INST	INST	INST	3201	Focus on Malaysia	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to geographical, historical, demographic, cultural, and political settings of Malaysia within the wider context of Southeast Asia. A survey of the historical development of Malaysia with emphasis on the period from the World War II.									
INST	INST	INST	3202	Tun Razak Seminar: Southeast Asia Studies	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to enable the holder of the Tun Abdul Razak Chair to present his or her particular specialization. This means the content of the course could be different from year to year, depending on the discipline of the holder. The focus will be on Malaysia, as well as other parts of Southeast Asia.									
INST	INST	INST	3904	Special Topics in African Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		To develop communicative skills, oral and written, to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.									
INST	INST	INST	3905	Special Topics in Intermediate African Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Focuses on enhancing the communicative skills in African languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading and writing simple stories using standard African languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.									
INST	INST	INST	3909	Special Topics in Southeast Asian Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Designed to develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.									
INST	INST	INST	3911	Special Topics in Intermediate Southeast Asian Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Focuses on enhancing the communicative skills in Southeast Asian languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading, and writing simple stories using standard Southeast Asian languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.									
INST	INST	INST	4900	Special Topics in International Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	4900	Special Topics in International Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INST	4905	Special Topics in Advanced African Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Serves as a 3rd-year African language study. Complete intermediate level of appropriate language as approved by instructor.									
INST	INST	INST	4910	Internship	INT	IN	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and INST major and (Soph or Jr or Sr)									
		COURSE DESC:		Designed to allow for a practical experience in an international organization or corporation in the U.S. or abroad to complement the theoretical base supplied in area studies and comparative cultures courses. The applied experience will allow you to see the practical way in which cross cultural issues and second language usage are manifested in a work environment. The internship experience will also allow you to identify personal learning goals that will enhance your career prospects.									
INST	INST	INST	4911	Special Topics in Advanced Southeast Asian Languages and Literature	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		COURSE DESC:		Serves as a 3rd- year Southeast Asian language study. Complete intermediate level of appropriate language as approved by instructor.									
INST	INST	INST	4930	Independent Study	IND	IS	1 to 15	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required									
		COURSE DESC:		Content varies by student.									
INST	INST	INST	4950	War and Peace Studies Seminar	SEM	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		The aim is of the course is to question the root causes of violence and to explore pathways to sustainable peace from a multidisciplinary perspective.									
INST	INST	INST	4950	War and Peace Studies Seminar	SEM	SE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only									
		COURSE DESC:		The aim is of the course is to question the root causes of violence and to explore pathways to sustainable peace from a multidisciplinary perspective.									
INST	INST	INST	4970T	International Studies Thesis Tutorial I	TUT	TU	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		In depth discussion of thesis topic with thesis advisor and writing the thesis proposal									
INST	INST	INST	4980T	International Studies Thesis Tutorial II	TUT	TU	1 to 10	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC									
		COURSE DESC:		In depth discussion of data collection and research activity associated with thesis work.									
INST	INST	INST	5000	International Studies: Themes, Trends and Perspectives	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Survey of major political, economic, and cultural themes in international studies through discussions on key contemporary issues. Acquaints graduate students with the fields and branches of International Studies and provides students with the tools to frame research questions within International Studies.									
INST	INST	INST	5100	Readings in African Studies	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to interdisciplinary graduate study of the African continent with focus on social science and humanities perspectives.									
INST	INST	INST	5100	Readings in African Studies	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Introduction to interdisciplinary graduate study of the African continent with focus on social science and humanities perspectives.									
INST	INST	INST	5101	Seminar for the African Child	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Uses methodologies from the social sciences to examine important issues in children's health, education, information dissemination, and medical interventions across the African continent. The children and youth of Africa are the world's most marginalized population group in terms of poverty and access to social resources. Addresses this situation from a variety of methodological and disciplinary angles, maternal literacy and children's health, for example.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5101	Seminar for the African Child	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Uses methodologies from the social sciences to examine important issues in children's health, education, information dissemination, and medical interventions across the African continent. The children and youth of Africa are the world's most marginalized population group in terms of poverty and access to social resources. Addresses this situation from a variety of methodological and disciplinary angles, maternal literacy and children's health, for example.									
INST	INST	INST	5200	Introduction to Southeast Asian Studies	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of historical, cultural, and political settings of Southeast Asia. Also provides an examination of themes of inquiry that have defined the field of Southeast Asian Studies.									
INST	INST	INST	5200	Introduction to Southeast Asian Studies	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of historical, cultural, and political settings of Southeast Asia. Also provides an examination of themes of inquiry that have defined the field of Southeast Asian Studies.									
INST	INST	INST	5201	Focus on Malaysia	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Introduction to geographical, historical, demographic, cultural, and political settings of Malaysia within the wider context of Southeast Asia. A survey of the historical development of Malaysia with emphasis on the period from the World War II.									
INST	INST	INST	5202	Tun Razak Seminar: Southeast Asia Studies	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Designed to enable the holder of the Tun Abdul Razak Chair to present his or her particular specialization. This means the content of the course could be different from year to year, depending on the discipline of the holder. The focus will be on Malaysia, as well as other parts of Southeast Asia.									
INST	INST	INST	5300	Communications and Development Colloquium	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Comdev studies major only									
		COURSE DESC:		Provides communication and development students with an overview of the field, including its interdisciplinary nature, a detailed introduction to their program of study, and an opportunity to know and interact with program faculty in order to facilitate faculty-student dialogue that might lead to identification of common interest, existing and new courses, and other relevant academic and research issues. Also introduces students to or emphasize specific aspects of the graduate student academic experience that are important to their success in the program such as plagiarism, graduate student life, preparing professional and academic conference presentations, submitting and presenting papers at academic conferences, and submitting papers to academic or professional publications.									
INST	INST	INST	5300	Communications and Development Colloquium	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Comdev studies major only									
		COURSE DESC:		Provides communication and development students with an overview of the field, including its interdisciplinary nature, a detailed introduction to their program of study, and an opportunity to know and interact with program faculty in order to facilitate faculty-student dialogue that might lead to identification of common interest, existing and new courses, and other relevant academic and research issues. Also introduces students to or emphasize specific aspects of the graduate student academic experience that are important to their success in the program such as plagiarism, graduate student life, preparing professional and academic conference presentations, submitting and presenting papers at academic conferences, and submitting papers to academic or professional publications.									
INST	INST	INST	5400	Proseminar in International Development	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The evolution of epistemological, conceptual, and theoretical foundations of Development Studies; contemporary debates in development scholarship and implications for development practice.									
INST	INST	INST	5400	Proseminar in International Development	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		The evolution of epistemological, conceptual, and theoretical foundations of Development Studies; contemporary debates in development scholarship and implications for development practice.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5500	Latin America Survey Through Literature	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Study of literary periods, genres and movements, and the inherent liaison between literature, history, and culture.									
INST	INST	INST	5500	Latin America Survey Through Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Study of literary periods, genres and movements, and the inherent liaison between literature, history, and culture.									
INST	INST	INST	5900	Special Topics in International Studies	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INST	5900	Special Topics in International Studies	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	INST	5901	Special Topics in Africa: Contemporary Issues in Africa	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, human rights, gender, and religion.									
INST	INST	INST	5901	Special Topics in Africa: Contemporary Issues in Africa	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, human rights, gender, and religion.									
INST	INST	INST	5902	Special Topics in Africa: Literature, Media, and the Arts	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, media, and the arts.									
INST	INST	INST	5902	Special Topics in Africa: Literature, Media, and the Arts	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, media, and the arts.									
INST	INST	INST	5903	Special Topics in Africa	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, politics, development concerns, and health policies.									
INST	INST	INST	5903	Special Topics in Africa	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		CR, PR											
		COURSE DESC:		Thematic seminar on African issues current in the literature, politics, development concerns, and health policies.									
INST	INST	INST	5904	Special Topics in African Languages and Literature	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		CR, PR											
		COURSE DESC:		To develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.									
INST	INST	INST	5905	Special Topics in Intermediate African Languages and Literature	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required									
		CR, PR											
		COURSE DESC:		Focuses on enhancing the communicative skills in African languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading and writing simple stories using standard African languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5906	Special Topics in Southeast Asian Studies: Contemporary Issues in Southeast Asia GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Addresses contemporary issues in the region.	LEC	EL	4	8		N	G40		0
INST	INST	INST	5906	Special Topics in Southeast Asian Studies: Contemporary Issues in Southeast Asia GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Addresses contemporary issues in the region.	LEC	LE	4	8		N	G40		0
INST	INST	INST	5907	Special Topics in Southeast Asian Studies: Cultural Analysis Through Media GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Undertakes cultural analysis through analysis of a variety of media.	LEC	EL	4	8		N	G40		0
INST	INST	INST	5907	Special Topics in Southeast Asian Studies: Cultural Analysis Through Media GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Undertakes cultural analysis through analysis of a variety of media.	LEC	LE	4	8		N	G40		0
INST	INST	INST	5908	Special Topics in Southeast Asian Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Research relevant to the region engaging in, but not limited to, analysis of thematic materials, that allow students to focus on one or more of the region's features.	LEC	EL	4	0		N	G40		0
INST	INST	INST	5908	Special Topics in Southeast Asian Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Research relevant to the region engaging in, but not limited to, analysis of thematic materials, that allow students to focus on one or more of the region's features.	LEC	LE	4	0		N	G40		0
INST	INST	INST	5909	Special Topics in Southeast Asian Languages and Literature GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Designed to develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.	LEC	LE	4	8		N	G40		0
INST	INST	INST	5911	Special Topics in Intermediate Southeast Asian Languages and Literature GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Focuses on enhancing the communicative skills in Southeast Asian languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading, and writing simple stories using standard Southeast Asian languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.	LEC	LE	4	8		I	G40		0
INST	INST	INST	5912	Special Topics in Communications and Development: International Development & Technical Cooperation GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Examines trends in international development aid and technical cooperation with an emphasis on how those trends shape international development practice and application. Includes hands-on training on proposal writing for international development, monitoring and evaluation, and logical frame planning.	LEC	EL	4	0		N	G40		0
INST	INST	INST	5912	Special Topics in Communications and Development: International Development & Technical Cooperation GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Examines trends in international development aid and technical cooperation with an emphasis on how those trends shape international development practice and application. Includes hands-on training on proposal writing for international development, monitoring and evaluation, and logical frame planning.	LEC	LE	4	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5913	Special Topics in Communications and Development: Research Tools for Development	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores new and emerging research tools used in social development, and focuses on skills development and application.									
INST	INST	INST	5913	Special Topics in Communications and Development: Research Tools for Development	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Explores new and emerging research tools used in social development, and focuses on skills development and application.									
INST	INST	INST	5914	Special Topics in Communications and Development: Media Production and International Development	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on specific media production aspects related to international development issues. Emphasis ranges from the process of message design to production of audiovisual materials that attempt to support social development initiatives									
INST	INST	INST	5914	Special Topics in Communications and Development: Media Production and International Development	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Focuses on specific media production aspects related to international development issues. Emphasis ranges from the process of message design to production of audiovisual materials that attempt to support social development initiatives									
INST	INST	INST	5915	Special Topics in International Development Studies: Development Practice	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines contemporary development practice and evaluates contemporary methodologies to design, implement, monitor, and evaluate development policies, programs, and interventions									
INST	INST	INST	5915	Special Topics in International Development Studies: Development Practice	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Examines contemporary development practice and evaluates contemporary methodologies to design, implement, monitor, and evaluate development policies, programs, and interventions									
INST	INST	INST	5916	Special Topics in International Development Studies:Health and International Development	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Development research examining environmental dimensions of international development.									
INST	INST	INST	5916	Special Topics in International Development Studies:Health and International Development	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Development research examining environmental dimensions of international development.									
INST	INST	INST	5917	Special Topics in International Development Studies	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Development research examining relationship between human health and international development.									
INST	INST	INST	5917	Special Topics in International Development Studies	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Development research examining relationship between human health and international development.									

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INST	INST	INST	5918	Special Topics in Latin American Studies: Contemporary Issues in Latin America GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Research relevant to the region engaging in, but not limited to, interpretative analysis of thematic materials, that allow students to focus on one or more of the region's idiosyncrasies.	LEC	EL	4	8		N	G40		0
INST	INST	INST	5918	Special Topics in Latin American Studies: Contemporary Issues in Latin America GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Research relevant to the region engaging in, but not limited to, interpretative analysis of thematic materials, that allow students to focus on one or more of the region's idiosyncrasies.	LEC	LE	4	8		N	G40		0
INST	INST	INST	5919	Special Topics in Latin American Studies: Latin American Culture Through Media GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Targets cultural analysis through interaction with a variety of media.	LEC	EL	4	8		N	G40		0
INST	INST	INST	5919	Special Topics in Latin American Studies: Latin American Culture Through Media GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Targets cultural analysis through interaction with a variety of media.	LEC	LE	4	8		N	G40		0
INST	INST	INST	5921	Special Topics in Latin American Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Addresses contemporary issues in the region.	LEC	EL	4	8		N	G40		0
INST	INST	INST	5921	Special Topics in Latin American Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Addresses contemporary issues in the region.	LEC	LE	4	8		N	G40		0
INST	INST	INST	6900	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
INST	INST	INST	6900	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
INST	INST	INST	6901	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Provides International Studies majors with an interdisciplinary examination of international issues that include, but are not limited to, issues such as international health, international economics and trade, international security, foreign aid and development issues, globalization, international cultural institutions, religion in world affairs, global history and politics, and culture.	LEC	EL	4	8		N	G40		0
INST	INST	INST	6901	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Provides International Studies majors with an interdisciplinary examination of international issues that include, but are not limited to, issues such as international health, international economics and trade, international security, foreign aid and development issues, globalization, international cultural institutions, religion in world affairs, global history and politics, and culture.	LEC	LE	4	8		N	G40		0
INST	INST	INST	6902	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Focuses on close reading and discussion of classic and contemporary texts describing the underlying causal patterns in international issues.	LEC	EL	4	8		N	G40		0
INST	INST	INST	6902	Special Topics in International Studies GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Focuses on close reading and discussion of classic and contemporary texts describing the underlying causal patterns in international issues.	LEC	LE	4	8		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	6905	Special Topics in Advanced African Languages and Literature	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Serves as a 3rd- year African language study. Complete intermediate level of appropriate language as approved by instructor.									
INST	INST	INST	6910	Internship	INT	IN	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Helps students acquire first-hand knowledge and exposure to applied aspects of development, communication and development work, and/or related-aspects of area studies training in an international setting, or with an international organization. Students will gain and/or expand their field work experience in an area of their own professional and/or research interests, and will strengthen their understanding of the competencies needed to perform well in relevant organizations, all of which will enhance their own professional and personal growth. Because of the varying nature of internships, students might be involved in a variety of work activities ranging from assignments that focus on very specific projects and tasks, to more general responsibilities that might involve them in regular activities within the host organization.									
INST	INST	INST	6911	Special Topics in Advanced Southeast Asian Languages and Literature	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Serves as a 3rd- year Southeast Asian language study. Complete intermediate level of appropriate language as approved by instructor.									
INST	INST	INST	6920	Communication & Development Service Learning Project	PRA	PR	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd year comdev studies major only PR									
		COURSE DESC:		Exposes students to and immerse them in the day-to-day realities of local development and social service organizations in Athens County and southeastern Ohio. Students will gain exposure to existing social and development challenges in the region, contribute to the efforts of local organizations, apply knowledge and skills acquired throughout their program of study, and provide valuable service to the local community. This program also will give students an opportunity to strengthen and/or develop a greater sense of community engagement and participation, and explore professional ideas in a welcoming environment.									
INST	INST	INST	6930	Independent Study	IND	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of topic of student's choice under guidance of faculty member.									
INST	INST	INST	6930	Independent Study	IND	IS	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of topic of student's choice under guidance of faculty member.									
INST	INST	INST	6940	Professional Project	RSC	RS	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR									
		COURSE DESC:		Extended research project that is interdisciplinary and integrates themes, content, and methods from the student's course of study. The project may engage theoretical issues, be an application thereof, and/or be a piece of original research or creative work.									
INST	INST	INST	6950	Thesis	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Student initiates and completes an original research project. Students have the opportunity to integrate themes, content, and methods from their course of study. The thesis may engage theoretical issues, be an application thereof, and/or be a piece of original research or creative work.									
INST	INST	KHMR	1110	Elementary Khmer I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	1120	Elementary Khmer II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KHMR 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	2110	Intermediate Khmer I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KHMR 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	KHMR	2120	Intermediate Khmer II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KHMR 2110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	2900	Special Topics in Khmer	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
INST	INST	KHMR	2900	Special Topics in Khmer	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
INST	INST	KHMR	5110	Elementary Khmer I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	5120	Elementary Khmer II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 5110									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	5210	Intermediate Khmer I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 5120									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	5220	Intermediate Khmer II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 5210									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	KHMR	5900	Special Topics in Khmer	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
INST	INST	KHMR	5900	Special Topics in Khmer	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:									
		COURSE DESC:		CR, PR Specific course content will vary with offering.									
INST	INST	KIKU	1110	Elementary Kikuyu I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	1120	Elementary Kikuyu II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KIKU 1100									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	2110	Intermediate Kikuyu I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KIKU 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									

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INST	INST	KIKU	2120	Intermediate Kikuyu II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: KIKU 2110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	2900	Special Topics in Kikuyu ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
INST	INST	KIKU	2900	Special Topics in Kikuyu ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.									
INST	INST	KIKU	5110	Elementary Kikuyu I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	5120	Elementary Kikuyu II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC2: A-F, REQUISITE: KIKU 5110 PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	5210	Intermediate Kikuyu I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC2: A-F, REQUISITE: KIKU 5120 PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	5220	Intermediate Kikuyu II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC2: A-F, REQUISITE: KIKU 5210 PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.									
INST	INST	KIKU	5900	Special Topics in Kikuyu ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.									
INST	INST	KIKU	5900	Special Topics in Kikuyu ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.									
INST	INST	SETS	1110	Elementary Setswana I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: This is an introductory Setswana course that aims to develop the four language skills: speaking, listening, writing, and reading. Students will also be exposed to the Southern African culture and particularly Botswana culture. A blend of interactive and structural approaches will be used to equip the learners with the relevant skills to communicate and survive in diverse contexts in the Southern African region using Setswana.									
INST	INST	SETS	5110	Elementary Setswana I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G40		0
				GEC1: A-F REQUISITE: This is an introductory Setswana course that aims to develop the four language skills: speaking, listening, writing, and reading. Students will also be exposed to the Southern African culture and particularly Botswana culture. A blend of interactive and structural approaches will be used to equip the learners with the relevant skills to communicate and survive in diverse contexts in the Southern African region using Setswana.									
INST	INST	SOMA	1110	Elementary Somali I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0	2CP	N	U30		0
				GEC1: A-F REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									

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INST	INST	SOMA	1120	Elementary Somali II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOMA 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	2110	Intermediate Somali I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOMA 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	2120	Intermediate Somali II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOMA 2110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	2900	Special Topics in Somali	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SOMA	2900	Special Topics in Somali	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SOMA	5110	Elementary Somali I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	5120	Elementary Somali II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 5110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	5210	Intermediate Somali I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 5120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	5220	Intermediate Somali II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	SOMA	5900	Special Topics in Somali	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SOMA	5900	Special Topics in Somali	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SUDN	1110	Elementary Sudanese Arabic I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	SUDN	1120	Elementary Sudanese Arabic II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SUDN 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.									
INST	INST	SUDN	2110	Intermediate Sudanese Arabic I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SUDN 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.									
INST	INST	SUDN	2120	Intermediate Sudanese Arabic II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SUDN 2110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.									
INST	INST	SUDN	2900	Special Topics in Sudanese	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SUDN	2900	Special Topics in Sudanese	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SUDN	5110	Elementary Sudanese Arabic I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5110									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.									
INST	INST	SUDN	5120	Elementary Sudanese Arabic II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5110									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.									
INST	INST	SUDN	5210	Intermediate Sudanese Arabic I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5120									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.									
INST	INST	SUDN	5220	Intermediate Sudanese Arabic II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5210									
		COURSE DESC:		PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.									
INST	INST	SUDN	5900	Special Topics in Sudanese	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	SUDN	5900	Special Topics in Sudanese	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	T3	4103C	Undergraduate Service-Learning in Ecuador	LEC	LE	5	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only and permission required. Previous volunteer experience recommended									
		COURSE DESC:		This class takes place in Ecuador and introduces students to the concept of global service-learning. Students learn about different models and philosophies of service-learning and work collaboratively on a community-identified service project in an under-resourced community in Ecuador. Students explore what it means to be a global citizen and gain an understanding of service-learning in local and international contexts. Students engage in critical thinking about community development, civic engagement, power, privilege, and poverty and how these themes relate to global service-learning.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	THAI	1110	Elementary Thai I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	1120	Elementary Thai II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				THAI 1110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	2110	Intermediate Thai I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				THAI 1120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	2120	Intermediate Thai II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				THAI 2110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	2900	Special Topics in Thai	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR Specific course content will vary with offering.									
INST	INST	THAI	2900	Special Topics in Thai	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR Specific course content will vary with offering.									
INST	INST	THAI	3110	Advanced Thai I	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				THAI 2120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	3120	Advanced Thai II	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				THAI 3110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	4900	Special Topics in Thai	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR Specific course content will vary with offering.									
INST	INST	THAI	4900	Special Topics in Thai	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR Specific course content will vary with offering.									
INST	INST	THAI	5110	Elementary Thai I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	5120	Elementary Thai II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				THAI 5110 PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	5210	Intermediate Thai I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,									
		COURSE DESC:		REQUISITE:									
				THAI 5120 PR Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									

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INST	INST	THAI	5220	Intermediate Thai II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	5310	Advanced Thai I	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5220									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	5320	Advanced Thai II	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5310 or (531 and 532)									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	THAI	5900	Special Topics in Thai	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	THAI	5900	Special Topics in Thai	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	VIET	1110	Elementary Vietnamese I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	1120	Elementary Vietnamese II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VIET 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	2110	Intermediate Vietnamese I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VIET 1120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	2120	Intermediate Vietnamese II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: VIET 2110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	2900	Special Topics in Vietnamese	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	VIET	2900	Special Topics in Vietnamese	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	VIET	5110	Elementary Vietnamese I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									

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INST	INST	VIET	5120	Elementary Vietnamese II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VIET 5110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	5210	Intermediate Vietnamese I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VIET 5120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	5220	Intermediate Vietnamese II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VIET 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	VIET	5900	Special Topics in Vietnamese	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	VIET	5900	Special Topics in Vietnamese	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	WOL	1110	Elementary Wolof I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	1120	Elementary Wolof II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WOL 1110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	2110	Intermediate Wolof I	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WOL 1120 or 113									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	2120	Intermediate Wolof II	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WOL 2110 or 211 or 212 or 304									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	2900	Special Topics in Wolof	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	WOL	2900	Special Topics in Wolof	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	WOL	5110	Elementary Wolof I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	WOL	5120	Elementary Wolof II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WOL 5110									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	5210	Intermediate Wolof I	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WOL 5120									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	5220	Intermediate Wolof II	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WOL 5210									
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	WOL	5900	Special Topics in Wolof	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	WOL	5900	Special Topics in Wolof	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	AS	BIOE	5001	Special Topics in Bioethics and Society	IND	IS	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This seminar course will cover various issues in Bioethics, such as questions related to infectious diseases (vaccinations, quarantines and population health management), death and dying, genetic ethics, bioethical issues in a global health context, human reproduction, religion and bioethics, to name a few.									
OST	AS	BIOE	5001	Special Topics in Bioethics and Society	SEM	SE	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This seminar course will cover various issues in Bioethics, such as questions related to infectious diseases (vaccinations, quarantines and population health management), death and dying, genetic ethics, bioethical issues in a global health context, human reproduction, religion and bioethics, to name a few.									
OST	AS	BIOE	6001	Bioethics, Society and Justice	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course provides an outline of the American judicial system, regulatory structure and policy making process in relation to bioethical questions. It also dwells into specific elements of the American health system, such as basic health economics, payment systems and quality issues, and prepares students to structure and write a bioethics policy analysis.									
OST	AS	BIOE	7050	Capstone Experience in Bioethics and Society	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is a research-based course that allows students to focus on the implications that the certificate program bring to their particular discipline or area of interest, drawing upon the various required and elective courses to address a particular issue in their selected area of interest.									
OST	AS	BIOE	7050	Capstone Experience in Bioethics and Society	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is a research-based course that allows students to focus on the implications that the certificate program bring to their particular discipline or area of interest, drawing upon the various required and elective courses to address a particular issue in their selected area of interest.									
OST	AS	BIOE	7050	Capstone Experience in Bioethics and Society	RSC	RS	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course is a research-based course that allows students to focus on the implications that the certificate program bring to their particular discipline or area of interest, drawing upon the various required and elective courses to address a particular issue in their selected area of interest.									

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OST	OST	OCOM	6001	Clinical Anatomy Immersion	LAB	LB	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: First year Heritage College Medical Students PR, F									
		COURSE DESC:		The Clinical Anatomy Immersion allows all entering Heritage College students, regardless of their curricular track, to begin their training together, immersed for roughly 5 weeks in clinically-oriented study of human gross anatomy. At the core of the course are the laboratory activities. Students will participate in 4, 3-hour gross anatomy labs each week. These activities involve dissection of human cadavers, imaging studies, and discussion of clinical anatomy in an interactive laboratory setting. The structure of the human body is presented in a clinically relevant manner, providing correlations of normal anatomy to common disease states. The ultimate goal is to enhance clinical reasoning in the context of human gross anatomy. A few key lectures will provide background for the lab studies									
OST	OST	OCOM	6002	Introduction to Primary Care Medicine	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: First year Heritage College Medical Students PR, F									
		COURSE DESC:		This one-week course will introduce students to Patient Centered Primary Care medical practice, and will incorporate active learning principles. On the first day of the block, students will be introduced the "5 Cs of patient-centered primary care". These concepts will be emphasized over the next 5 days and be the basis for all of the learning activities. Additionally, there will be a doctor-patient communication thread of activities that build students' skills throughout the week, culminating in a patient interview, and a reflective paper on that experience. This course provides protected time outside of class for students to learn and prepare for in-class hands-on activities that incorporate that knowledge into tangible skills.									
OST	OST	OCOM	6003	The Osteopathic Approach to Patient Care 1 - Wellness	LAB	LB	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The Osteopathic Approach to Patient Care 1 Course emphasizes health and wellness, and provides overarching generalist topics via sequential patient presentations. Biomedical, social, osteopathic, clinical, and health systems science curricular threads are streamlined and optimized for course sequence of topics. Classroom experiences emphasize application and integration of foundational concepts learned through faculty- and learner-directed study, and laboratory-based experiences complement and reinforce course topics. Clinical and community experiences emphasize patient-centeredness and team-based care, and relate back to course topics and patient presentations via critical reflection via longitudinal academic and professional coaching/mentoring.									
OST	OST	OCOM	6004	The Osteopathic Approach to Patient Care 2 - Acute Illness	LAB	LB	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The Osteopathic Approach to Patient Care 2 Course emphasizes acute diseases, and provides overarching generalist topics via sequential patient presentations. Biomedical, social, osteopathic, clinical, and health systems science curricular threads are streamlined and optimized for course sequence of topics. Classroom experiences emphasize application and integration of foundational concepts learned through faculty- and learner-directed study, and laboratory-based experiences complement and reinforce course topics. Clinical and community experiences emphasize patient-centeredness and team-based care, and relate back to course topics and patient presentations via critical reflection via longitudinal academic and professional coaching/mentoring.									
OST	OST	OCOM	6007	Longitudinal Integrated Clerkship 1	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The first in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice. This course contains a component called Transitions of Care (ToC) which gives learners exposure to hands-on experiences in a variety of care systems that help support patient management in a longitudinal fashion.									
OST	OST	OCOM	6008	Longitudinal Integrated Clerkship 2	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The second in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice. This course contains a component called Transitions of Care (ToC) which gives learners exposure to hands-on experiences in a variety of care systems that help support patient management in a longitudinal fashion.									
OST	OST	OCOM	6009	Longitudinal Integrated Clerkship 3	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The third in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6010	Musculoskeletal	LEC	EL	5	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students								
				COURSE DESC:	The objective of this five-week musculoskeletal course is to provide the students with a strong foundation in the anatomical and physiological sciences relating to skeletal muscle and bone tissue, as competency in these areas is directly applicable to many medical disciplines, particularly orthopedics, radiology, rheumatology and rehabilitation medicine. By the end of the block, students will be able to: Discuss acute injury in terms of basic bone and cartilage histology, pathology of bone including acute inflammation and cell death, membrane transport and action potential generation of excitable tissues, and radiological imaging of the limbs and back; Discuss muscle pain and weakness in terms of the underlying physiological mechanisms that regulate muscle forces, and pathologic processes that cause pain and weakness; Discuss joint pain with respect to limb muscle anatomy and histology, as well as chronic inflammation and the immune system; Discuss back pain in relation to biomechanics, treatment and rehabilitation medicine.								
OST	OST	OCOM	6010	Musculoskeletal	LEC	LE	5	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students								
				COURSE DESC:	The objective of this five-week musculoskeletal course is to provide the students with a strong foundation in the anatomical and physiological sciences relating to skeletal muscle and bone tissue, as competency in these areas is directly applicable to many medical disciplines, particularly orthopedics, radiology, rheumatology and rehabilitation medicine. By the end of the block, students will be able to: Discuss acute injury in terms of basic bone and cartilage histology, pathology of bone including acute inflammation and cell death, membrane transport and action potential generation of excitable tissues, and radiological imaging of the limbs and back; Discuss muscle pain and weakness in terms of the underlying physiological mechanisms that regulate muscle forces, and pathologic processes that cause pain and weakness; Discuss joint pain with respect to limb muscle anatomy and histology, as well as chronic inflammation and the immune system; Discuss back pain in relation to biomechanics, treatment and rehabilitation medicine.								
OST	OST	OCOM	6011	Interprofessional Care	LAB	LB	12	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
				COURSE DESC:	This course provides students with an intensive overview of interprofessional education and health care delivery. In addition, students are exposed to experiential learning activities where they learn how teams of care givers evaluate and treat patients in key settings. These settings have been identified to foster the development of skillsets that leads to students being competent and successful in the patient-centered medical home model of health care delivery.								
OST	OST	OCOM	6012	Health Systems Science 1	LAB	LB	3	6		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
				COURSE DESC:	This is the first of 8 courses in Health Systems Science and will serve as the framework for the additional coursework across the UME curricula in health systems. We will examine medical history related to the progression of the health system, insurance and payor history, and how patient communications and strong teamwork impact patient safety,								
OST	OST	OCOM	6013	Health Systems Science 2	LAB	LB	3	6		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
				COURSE DESC:	This is the second of 8 courses in Health Systems Science and will build on skills from HSS1 in health systems. This will include examination of the health system function and failings. Further skills in teamwork and team communication strategies utilize information systems to evaluate the panel and community outcomes by zip code. These evaluations apply to team projects and quality improvement by team/panel. Initial education about community engagement and the use of executive management skills to address community partners round out HSS2.								
OST	OST	OCOM	6015	Blood	LEC	EL	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students								
				COURSE DESC:	This three-week course will introduce students to: the hematological components & principles with emphasis on anemia; the processes of hemostasis & thrombosis; the pharmacological agents, nutritional influences, epidemiological principles, & preventive medicine/public health issues relevant to the items above; communication skills important in the doctor-patient relationship, psychosocial skills fundamental in caring for the whole person; & to clinical reasoning skills through Synthesis and Integration (S&I) sessions.								
OST	OST	OCOM	6015	Blood	LEC	LE	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students								
				COURSE DESC:	This three-week course will introduce students to: the hematological components & principles with emphasis on anemia; the processes of hemostasis & thrombosis; the pharmacological agents, nutritional influences, epidemiological principles, & preventive medicine/public health issues relevant to the items above; communication skills important in the doctor-patient relationship, psychosocial skills fundamental in caring for the whole person; & to clinical reasoning skills through Synthesis and Integration (S&I) sessions.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6020	Infection and Immunity	LEC	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		The major objective of the three-week Infection and Immunity Block is to build students medical knowledge of infectious processes and immune defenses to infection. Specific goals in support of this objective are to:									
		<ol style="list-style-type: none"> 1. introduce students to basic principles of microbial pathogenesis and immune defenses via lectures, labs, and case-based discussions of the infectious or immune mediated causes of the clinical presentations of elevated temperature, sore throat, and skin rash/lesions; 2. train students to recognize the histological features and functions of the skin including healing processes of the integumentary system; 3. present the pharmacological agents, nutritional influences, epidemiological principles, and preventive medicine/public health issues relevant to the items above; and 4. train students to explain the physiological regulation of body temperature and mechanisms that alter body temperature, including fever responses. 											
OST	OST	OCOM	6020	Infection and Immunity	LEC	LE	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		The major objective of the three-week Infection and Immunity Block is to build students medical knowledge of infectious processes and immune defenses to infection. Specific goals in support of this objective are to:									
		<ol style="list-style-type: none"> 1. introduce students to basic principles of microbial pathogenesis and immune defenses via lectures, labs, and case-based discussions of the infectious or immune mediated causes of the clinical presentations of elevated temperature, sore throat, and skin rash/lesions; 2. train students to recognize the histological features and functions of the skin including healing processes of the integumentary system; 3. present the pharmacological agents, nutritional influences, epidemiological principles, and preventive medicine/public health issues relevant to the items above; and 4. train students to explain the physiological regulation of body temperature and mechanisms that alter body temperature, including fever responses. 											
OST	OST	OCOM	6025	Cardiovascular	LEC	EL	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		The goals of this six-week Cardiovascular course are to:									
		<ol style="list-style-type: none"> 1. enable students to be life-long learners, self-motivated, and able to continue and advance their knowledge of cardiovascular medicine both now as students, and in later years as practicing physicians. 2. enable students to understand the fundamental biomedical concepts that are needed for effective diagnosis, treatment, and prevention of cardiovascular disease and disorders in a diverse patient population. These concepts will be derived from the study of the disciplines of physiology, pharmacology, anatomy, embryology, histology, pathology, infectious diseases, biochemistry, nutrition, and social medicine. 3. expose students to these fundamental biomedical concepts, and to the scientific basis for medical decision making through the context of several cardiovascular cases dealing with palpitations, heart murmurs, hypertension, chest pain and shortness of breath. 4. expose students to emerging scientific knowledge and technologies that will have a significant impact on medical thinking and their own clinical practices in the years to come. 5. enable students to refine their clinical skills of patient interviewing and physical examination as they relate to patients who present with cardiovascular disease or disorders. 											
OST	OST	OCOM	6025	Cardiovascular	LEC	LE	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		The goals of this six-week Cardiovascular course are to:									
		<ol style="list-style-type: none"> 1. enable students to be life-long learners, self-motivated, and able to continue and advance their knowledge of cardiovascular medicine both now as students, and in later years as practicing physicians. 2. enable students to understand the fundamental biomedical concepts that are needed for effective diagnosis, treatment, and prevention of cardiovascular disease and disorders in a diverse patient population. These concepts will be derived from the study of the disciplines of physiology, pharmacology, anatomy, embryology, histology, pathology, infectious diseases, biochemistry, nutrition, and social medicine. 3. expose students to these fundamental biomedical concepts, and to the scientific basis for medical decision making through the context of several cardiovascular cases dealing with palpitations, heart murmurs, hypertension, chest pain and shortness of breath. 4. expose students to emerging scientific knowledge and technologies that will have a significant impact on medical thinking and their own clinical practices in the years to come. 5. enable students to refine their clinical skills of patient interviewing and physical examination as they relate to patients who present with cardiovascular disease or disorders. 											

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6030	Respiratory	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This four-week Respiratory course introduces students to the resources and a learning environment that enable them to: develop an understanding of the normal structure and function of the respiratory system; develop an understanding of the interrelatedness of the cardiovascular and respiratory systems; explore the abnormalities and malfunctions of the respiratory system that result in the loss of homeostasis and health; develop a clinical reasoning strategy to approach the differential diagnosis of conditions that present clinically as cough and dyspnea; expand their skills in developing clinical tests and management plans for patients who present with respiratory problems.									
OST	OST	OCOM	6030	Respiratory	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This four-week Respiratory course introduces students to the resources and a learning environment that enable them to: develop an understanding of the normal structure and function of the respiratory system; develop an understanding of the interrelatedness of the cardiovascular and respiratory systems; explore the abnormalities and malfunctions of the respiratory system that result in the loss of homeostasis and health; develop a clinical reasoning strategy to approach the differential diagnosis of conditions that present clinically as cough and dyspnea; expand their skills in developing clinical tests and management plans for patients who present with respiratory problems.									
OST	OST	OCOM	6035	Gastrointestinal	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This five-week course introduces students to the diagnosis, treatment and prevention of gastrointestinal diseases and disorders. These concepts will be derived from the study of the disciplines of clinical medicine, anatomy, microanatomy, embryology, physiology, pharmacology, microbiology, immunology, biochemistry, nutrition, pathology, and public health as they relate to the gastrointestinal system and to engage students in the use of the above concepts as a scientific basis for medical decision-making.									
OST	OST	OCOM	6035	Gastrointestinal	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This five-week course introduces students to the diagnosis, treatment and prevention of gastrointestinal diseases and disorders. These concepts will be derived from the study of the disciplines of clinical medicine, anatomy, microanatomy, embryology, physiology, pharmacology, microbiology, immunology, biochemistry, nutrition, pathology, and public health as they relate to the gastrointestinal system and to engage students in the use of the above concepts as a scientific basis for medical decision-making.									
OST	OST	OCOM	6040	Urogenital Tract	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This five-week Urogenital Course is designed to facilitate medical student learning about the normal and disease conditions affecting the urogenital tract. Through independent study of learning topics and by participating in the learning activities of the block, medical students will develop an understanding of the following areas: anatomy and development of the urinary system and the male and female genitalia; renal function, electrolyte control and clearance; renal acid-base physiology; endocrinology of the renal system; patient history and physical exam findings related to renal/urinary tract problems and male reproductive problems; diagnostic tools for urinary tract diseases; management of renal disease; pharmacological treatment of urinary system diseases; hypertension; renal calculi; renal failure; renal transplantation; toxicology and the renal system; benign and malignant neoplasms of the testes, prostate, kidney, and bladder; conditions giving rise to incontinence; infectious diseases of the urogenital tract; function and dysfunction of the male urogenital tract; basic endocrinology of the male reproductive system; and diagnostic tools for male reproductive problems.									
OST	OST	OCOM	6040	Urogenital Tract	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students							
		COURSE DESC:		This five-week Urogenital Course is designed to facilitate medical student learning about the normal and disease conditions affecting the urogenital tract. Through independent study of learning topics and by participating in the learning activities of the block, medical students will develop an understanding of the following areas: anatomy and development of the urinary system and the male and female genitalia; renal function, electrolyte control and clearance; renal acid-base physiology; endocrinology of the renal system; patient history and physical exam findings related to renal/urinary tract problems and male reproductive problems; diagnostic tools for urinary tract diseases; management of renal disease; pharmacological treatment of urinary system diseases; hypertension; renal calculi; renal failure; renal transplantation; toxicology and the renal system; benign and malignant neoplasms of the testes, prostate, kidney, and bladder; conditions giving rise to incontinence; infectious diseases of the urogenital tract; function and dysfunction of the male urogenital tract; basic endocrinology of the male reproductive system; and diagnostic tools for male reproductive problems.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6080	Clinical Skills 1	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		This sixteen-week course is the first in a series in which osteopathic medical students learn the fundamentals of the following clinical skills: 1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction 2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis 3. incorporating osteopathic manipulative examination and treatment into patient care 4. applying medical knowledge and skills to patient care in a supervised clinical setting 5. working as a member of a learning team solving clinical problems related to osteopathic medical practice 6. applying Evidence Based Medicine concepts to all clinical decision making.									
		Course content includes clinical labs, manipulative medicine labs, clinical encounters with patients under supervision by physicians and other health personnel, and cased based learning groups. Instructor expectations of students are specified by a list of explicit Clinical Skills learning topics, which constitute the basis for student assessment (exams).											
OST	OST	OCOM	6081	Fundamentals in Clinical Osteopathic Medicine 1	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		Fundamentals in Clinical Osteopathic Medicine 1 and 2 are a series of courses devoted to assisting students in developing clinical skills necessary to work towards mastery of the AOA Core competencies. Fundamentals in Clinical Osteopathic Medicine 1 is a sixteen week course. The focus is on History and Physical (H&P), Osteopathic Manipulative Medicine (OMM) skills and Clinical and Community Experiences (CCE). Integral to all of these areas are psychosocial skills. Other components will guide the student in learning specific psychosocial and psychomotor skills, as well as reinforce the importance of an evidence-based approach to the clinical application in the practice of medicine. The format of the course incorporates clinical lab sessions, utilizing peers or simulated patients for practice in obtaining history and performing physical examinations. On occasion, learning activities will utilize real patients. Clinical cases in the concurrent Biomedical Sciences course are structured to foster learning objectives that enhance History and Physical exam skills. An ongoing thread in this course is the Problem Oriented Medical Record (POMR) and medical progress notes (SOAP notes) tools students need to develop and maintain excellent documentation of clinical encounters. The OMM lab component for this course is taught to PCC students in conjunction with the students in the CPC curriculum. Students will be assigned to one or more clinical faculty for 8 four-hour experiences per quarter to be given an opportunity to practice their developing clinical skills. They will also be assigned to community agency preceptors for 2 four-hour experiences per quarter in order to develop an understanding of the roles of non-physician personnel and health care services provided outside the hospital/physician's office. Objectives and activities for each community agency experience are available on the CCE website.									
OST	OST	OCOM	6090	Clinical Skills 2	LAB	LB	9	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F									
		COURSE DESC:		This twenty-week course expands on student's mastery of the clinical skills outlined in OCOM 6510: This course is the second in a series in which osteopathic medical students learn the fundamentals of the following clinical skills: 1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction 2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis 3. incorporating osteopathic manipulative examination and treatment into patient care 4. applying medical knowledge and skills to patient care in a supervised clinical setting 5. working as a member of a learning team solving clinical problems related to osteopathic medical practice 6. applying Evidence Based Medicine concepts to all clinical decision making.									
		Course content includes clinical labs, manipulative medicine labs, clinical encounters with patients under supervision by physicians and other health personnel, and cased based learning groups. Instructor expectations of students are specified by a list of explicit Clinical Skills learning topics, which constitute the basis for student assessment (exams).											
OST	OST	OCOM	6900	Special Topics in Osteopathic Medicine	LEC	EL	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
OST	OST	OCOM	6900	Special Topics in Osteopathic Medicine	LEC	LE	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7000	Neurology	LEC	EL	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This six-week Neurology course offers students the resources and environment for learning the basic structure and function of the nervous system and the application of this knowledge to clinical cases of headache, altered consciousness, weakness, movement disorders and altered cognition. The cases encourage the student to develop neurological diagnostic skills based on principles of neuroanatomy, neurophysiology, neuropharmacology, neuropathology, infectious disease, and epidemiology. The skills of history taking and physical examination are reinforced in laboratory sessions on the neurology examination. Mastery of clinically relevant neuroanatomy is facilitated in lab sessions devoted to brain dissection. The cases also lead students into considerations of the psychosocial management, pharmacological treatment, OMM, surgery intervention, and rehabilitation of patients with neurological disorders.									
OST	OST	OCOM	7000	Neurology	LEC	LE	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This six-week Neurology course offers students the resources and environment for learning the basic structure and function of the nervous system and the application of this knowledge to clinical cases of headache, altered consciousness, weakness, movement disorders and altered cognition. The cases encourage the student to develop neurological diagnostic skills based on principles of neuroanatomy, neurophysiology, neuropharmacology, neuropathology, infectious disease, and epidemiology. The skills of history taking and physical examination are reinforced in laboratory sessions on the neurology examination. Mastery of clinically relevant neuroanatomy is facilitated in lab sessions devoted to brain dissection. The cases also lead students into considerations of the psychosocial management, pharmacological treatment, OMM, surgery intervention, and rehabilitation of patients with neurological disorders.									
OST	OST	OCOM	7003	The Osteopathic Approach to Patient Care 3 - Chronic Illness	LAB	LB	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only							
		COURSE DESC:		The Osteopathic Approach to Patient Care 3 Course emphasizes chronic illness, and provides overarching generalist topics via sequential patient presentations. Biomedical, social, osteopathic, clinical, and health systems science curricular threads are streamlined and optimized for course sequence of topics. Classroom experiences emphasize application and integration of foundational concepts learned through faculty- and learner-directed study, and laboratory-based experiences complement and reinforce course topics. Clinical and community experiences emphasize patient-centeredness and team-based care, and relate back to course topics and patient presentations via critical reflection via longitudinal academic and professional coaching/mentoring.									
OST	OST	OCOM	7004	The Osteopathic Approach to Patient Care 4 - Integration	LAB	LB	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only							
		COURSE DESC:		The Osteopathic Approach to Patient Care 4 Course integrates topics from the previous three courses and provides overarching generalist topics via sequential patient presentations. Biomedical, social, osteopathic, clinical, and health systems science curricular threads are streamlined and optimized for course sequence of topics. Classroom experiences emphasize application and integration of foundational concepts learned through faculty- and learner-directed study, and laboratory-based experiences complement and reinforce course topics. Clinical and community experiences emphasize patient-centeredness and team-based care, and relate back to course topics and patient presentations via critical reflection via longitudinal academic and professional coaching/mentoring.									
OST	OST	OCOM	7005	Eyes, Ears, Nose and Throat (EENT)	LEC	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This five-week course introduces students to the medical disciplines of ophthalmology and otorhinolaryngology. The biomedical disciplines of anatomy, microanatomy, physiology and immunology as it pertains to the head and neck will be examined, thus providing the foundation for pertinent clinical sciences. The student will also be introduced to the physical examination of the eyes, ears, nose and throat.									

On successful completion of this block, the student will be able to explain and understand the following core block concepts:

1. Functional anatomy of head and neck tissues
2. Normal development and embryopathies of the head and neck
3. Visual function
4. Auditory function
5. Vestibular function
6. Chemosensation
7. Mastication and deglutition
8. Diseases of the ear
9. Diseases of the nose and paranasal sinuses
10. Diseases of the oral cavity, pharynx and larynx
11. Diseases which cause a red eye
12. Diseases which lead to a loss of vision

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7005	Eyes, Ears, Nose and Throat (EENT)	LEC	LE	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F									
		COURSE DESC:		This five-week course introduces students to the medical disciplines of ophthalmology and otorhinolaryngology. The biomedical disciplines of anatomy, microanatomy, physiology and immunology as it pertains to the head and neck will be examined, thus providing the foundation for pertinent clinical sciences. The student will also be introduced to the physical examination of the eyes, ears, nose and throat.									
				On successful completion of this block, the student will be able to explain and understand the following core block concepts:									
				1. Functional anatomy of head and neck tissues									
				2. Normal development and embryopathies of the head and neck									
				3. Visual function									
				4. Auditory function									
				5. Vestibular function									
				6. Chemosensation									
				7. Mastication and deglutition									
				8. Diseases of the ear									
				9. Diseases of the nose and paranasal sinuses									
				10. Diseases of the oral cavity, pharynx and larynx									
				11. Diseases which cause a red eye									
				12. Diseases which lead to a loss of vision									
OST	OST	OCOM	7006	Biomedical Science 3	SEM	SE	10	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F									
		COURSE DESC:		This sixteen-week course is the first a series of courses that serve to continue the integration of basic science material with clinical science issues. As in year 1, small group discussion sessions using clinical case studies serve as the focus of the courses. In addition, graded and non-graded mandatory activities, such as the Brain Anatomy Labs and Biomedical Science Problem Sets, are designed to supplement material covered during the small group discussion process, providing students with hands-on opportunities to understand the relationships between form and function, and encouraging exchange of ideas with content experts throughout the biomedical science disciplines.									
OST	OST	OCOM	7007	Longitudinal Integrated Clerkship 4	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The fourth in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									
				This course contains a component called Transitions of Care (ToC) which gives learners exposure to hands-on experiences in a variety of care systems that help support patient management in a longitudinal fashion.									
OST	OST	OCOM	7008	Longitudinal Integrated Clerkship 5	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The fifth in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									
				This course contains a component called Transitions of Care (ToC) which gives learners exposure to hands-on experiences in a variety of care systems that help support patient management in a longitudinal fashion.									
OST	OST	OCOM	7009	Longitudinal Integrated Clerkship 6	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F									
		COURSE DESC:		The sixth in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7010	Psychiatric	LEC	EL	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This three-week Psychiatric course is designed as a comprehensive introduction to psychiatry across the lifespan. Emphasis is placed on the major psychiatric disorders, including: their neuro-chemical basis, assessment, diagnosis, evidenced-based treatments including the pharmacology and clinical utilization of all classes of psychotropic medications as well as psychological interventions.								
					The course is divided into three weekly modules: Anxiety Disorders, Mood and Childhood Disorders, and Psychotic/Personality Disorders. Students are expected to do significant outside reading based upon assignment for each learning topic and activity. Real patient interviews and case studies are utilized to assist the student in experiencing the reality and learning the distinguishing features of these disorders. Case vignettes will be utilized in problem sets and an extensive review prior to the NBME Psychiatry Subject Exam final.								
OST	OST	OCOM	7010	Psychiatric	LEC	LE	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This three-week Psychiatric course is designed as a comprehensive introduction to psychiatry across the lifespan. Emphasis is placed on the major psychiatric disorders, including: their neuro-chemical basis, assessment, diagnosis, evidenced-based treatments including the pharmacology and clinical utilization of all classes of psychotropic medications as well as psychological interventions.								
					The course is divided into three weekly modules: Anxiety Disorders, Mood and Childhood Disorders, and Psychotic/Personality Disorders. Students are expected to do significant outside reading based upon assignment for each learning topic and activity. Real patient interviews and case studies are utilized to assist the student in experiencing the reality and learning the distinguishing features of these disorders. Case vignettes will be utilized in problem sets and an extensive review prior to the NBME Psychiatry Subject Exam final.								
OST	OST	OCOM	7015	Endocrinology and Metabolism	LEC	EL	6	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This five-week Endocrinology and Metabolism course presents an opportunity for students to delve into the major endocrine systems in the body, including the pituitary, thyroid, parathyroid adrenal and pancreatic glands. Students explore the regulatory mechanisms of the hormones secreted by these glands and the metabolic effects elicited by these hormones. A major focus of the course is the clinical relevance of hormonal signaling on bone metabolism, growth, and carbohydrate, lipid and amino acid metabolism. Hormonal control under normal physiological conditions is contrasted with disease states such as electrolyte imbalance, growth disorders, weight homeostasis and diabetes. By the end of this course, students will integrate and understand the underlying mechanisms by which these hormones act and how these signals are interpreted by tissues such as liver, bone, adipose, and muscle to coordinate metabolic changes in the body.								
					This five-week Endocrinology and Metabolism course presents an opportunity for students to delve into the major endocrine systems in the body, including the pituitary, thyroid, parathyroid adrenal and pancreatic glands. Students explore the regulatory mechanisms of the hormones secreted by these glands and the metabolic effects elicited by these hormones. A major focus of the course is the clinical relevance of hormonal signaling on bone metabolism, growth, and carbohydrate, lipid and amino acid metabolism. Hormonal control under normal physiological conditions is contrasted with disease states such as electrolyte imbalance, growth disorders, weight homeostasis and diabetes. By the end of this course, students will integrate and understand the underlying mechanisms by which these hormones act and how these signals are interpreted by tissues such as liver, bone, adipose, and muscle to coordinate metabolic changes in the body.								
OST	OST	OCOM	7015	Endocrinology and Metabolism	LEC	LE	6	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This five-week Endocrinology and Metabolism course presents an opportunity for students to delve into the major endocrine systems in the body, including the pituitary, thyroid, parathyroid adrenal and pancreatic glands. Students explore the regulatory mechanisms of the hormones secreted by these glands and the metabolic effects elicited by these hormones. A major focus of the course is the clinical relevance of hormonal signaling on bone metabolism, growth, and carbohydrate, lipid and amino acid metabolism. Hormonal control under normal physiological conditions is contrasted with disease states such as electrolyte imbalance, growth disorders, weight homeostasis and diabetes. By the end of this course, students will integrate and understand the underlying mechanisms by which these hormones act and how these signals are interpreted by tissues such as liver, bone, adipose, and muscle to coordinate metabolic changes in the body.								
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OST	OST	OCOM	7020	Obstetrics and Gynecology	LEC	EL	4	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This four-week Obstetrics and Gynecology course will teach students about: the menstrual cycle, menstrual irregularities, and how culture affects menarche and menopause; variations in human sexuality; the etiology and psychosocial aspects of infertility; contraception; antenatal care; the prevention, diagnosis and treatment of complications during pregnancy; appropriate prevention, diagnosis, and complications during pregnancy; facilitating & monitoring normal labor and delivery as well as complications of labor and delivery; postpartum care; and breastfeeding.								
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OST	OST	OCOM	7020	Obstetrics and Gynecology	LEC	LE	4	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	This four-week Obstetrics and Gynecology course will teach students about: the menstrual cycle, menstrual irregularities, and how culture affects menarche and menopause; variations in human sexuality; the etiology and psychosocial aspects of infertility; contraception; antenatal care; the prevention, diagnosis and treatment of complications during pregnancy; appropriate prevention, diagnosis, and complications during pregnancy; facilitating & monitoring normal labor and delivery as well as complications of labor and delivery; postpartum care; and breastfeeding.								
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OST	OST	OCOM	7025	Pediatrics	LEC	EL	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students								
				COURSE DESC:	The two-week Pediatric course introduces the second year Medical Student to primary care pediatrics, and focuses on the considerable difference between a sick child and well child from adult and geriatric counterparts. Emphasis will be placed on identification, diagnosis and treatment of the pediatric patient.								

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7025	Pediatrics	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		The two-week Pediatric course introduces the second year Medical Student to primary care pediatrics, and focuses on the considerable difference between a sick child and well child from adult and geriatric counterparts. Emphasis will be placed on identification, diagnosis and treatment of the pediatric patient.									
OST	OST	OCOM	7030	Addiction, Pain and Palliative Care	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This two-week course will introduce students to topics related to addiction, pain, and palliative care. Addiction topics include abuse of and dependence on alcohol, prescription drugs, illicit drugs and other addictions. Pain and palliative care topics will address chronic pain, palliative care and hospice. Students will be presented with a holistic approach to comprehensive pain and symptom management and be given tools to help care for patients from a primary care approach. A solid foundation in the management of addiction, pain and end of life care will be a crucial component of medicine that students will find very helpful in their personal and professional lives.									
OST	OST	OCOM	7030	Addiction, Pain and Palliative Care	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This two-week course will introduce students to topics related to addiction, pain, and palliative care. Addiction topics include abuse of and dependence on alcohol, prescription drugs, illicit drugs and other addictions. Pain and palliative care topics will address chronic pain, palliative care and hospice. Students will be presented with a holistic approach to comprehensive pain and symptom management and be given tools to help care for patients from a primary care approach. A solid foundation in the management of addiction, pain and end of life care will be a crucial component of medicine that students will find very helpful in their personal and professional lives.									
OST	OST	OCOM	7035	Geriatrics	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Geriatrics course introduces Clinical Presentation Curriculum (CPC) students to key concepts essential to caring for older adults. The Block begins by presenting the aging demographic imperative. There are not enough geriatricians to care for this growing segment of the population. Therefore, it is critical that all medical students are trained to meet the needs of older citizens with complicated, overlapping, factors associated with chronic medical conditions. Older adults often have three or more chronic medical conditions, take multiple medications and respond to treatments and medications differently than do younger patients. This block targets these often complicated overlapping factors. An emphasis is placed on understanding the following: aging versus disease; geriatric syndromes and atypical presentation of disease; providing care across the continuum of locations: ambulatory, hospital, assisted living, nursing home, and home; comprehensive geriatric assessment; psychosocial and environmental considerations; pharmacology/prescribing practices; and advance directives.									
OST	OST	OCOM	7035	Geriatrics	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Geriatrics course introduces Clinical Presentation Curriculum (CPC) students to key concepts essential to caring for older adults. The Block begins by presenting the aging demographic imperative. There are not enough geriatricians to care for this growing segment of the population. Therefore, it is critical that all medical students are trained to meet the needs of older citizens with complicated, overlapping, factors associated with chronic medical conditions. Older adults often have three or more chronic medical conditions, take multiple medications and respond to treatments and medications differently than do younger patients. This block targets these often complicated overlapping factors. An emphasis is placed on understanding the following: aging versus disease; geriatric syndromes and atypical presentation of disease; providing care across the continuum of locations: ambulatory, hospital, assisted living, nursing home, and home; comprehensive geriatric assessment; psychosocial and environmental considerations; pharmacology/prescribing practices; and advance directives.									
OST	OST	OCOM	7080	Clinical Skills 3	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		Clinical Skills 3 is a sixteen-week course, the first in a series of courses, in which osteopathic medical students expands on his/her mastery of the following clinical skills: <ol style="list-style-type: none"> 1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction 2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis 3. incorporating osteopathic manipulative examination and treatment into patient care 4. applying medical knowledge and skills to patient care in a supervised clinical setting 5. working as a member of a learning team solving clinical problems related to osteopathic medical practice 6. applying Evidence Based Medicine concepts to all clinical decision making. <p>Course content includes clinical labs, simulated and real patient encounters in a supervised setting, manipulative medicine labs, clinical encounters with patients under supervision by physicians and other health personnel, and case-based learning groups. Instructor expectations of students are specified by a list of explicit learning topics which constitute the basis for student assessment (exams).</p>									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7082X	Osteopathic Manipulative Medicine Skills III	LAB	LB	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: HCOM nondegree seeking student PR, F								
				COURSE DESC:	This sixteen-week course is the third in a series focusing on the fundamentals of interviewing patients for medical history, including psychosocial aspects of interviewing and patient interaction; performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis; incorporating osteopathic manipulative examination and treatment into patient care and working as a member of a learning team to solve clinical problems related to osteopathic medical practice. Course content includes osteopathic manipulative medicine (OMM) labs. Instructor expectations of the student are specified by a list of explicit OMM learning topics.								
OST	OST	OCOM	7085	Clinical Skills 4	LAB	LB	8	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
				COURSE DESC:	This course expands on students mastery of the clinical skills outlined in Clinical Skills 1-3. This eighteen-week course is the final in a series in which osteopathic medical students learn the fundamentals of the following clinical skills:								
					<ol style="list-style-type: none"> 1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction 2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis 3. incorporating osteopathic manipulative examination and treatment into patient care 4. applying medical knowledge and skills to patient care in a supervised clinical setting 5. working as a member of a learning team solving clinical problems related to osteopathic medical practice 6. applying Evidence Based Medicine concepts to all clinical decision making. 								
					Course content includes clinical labs, simulated and real patient encounters in a supervised setting, manipulative medicine labs, clinical encounters with patients under supervision by physicians and other health personnel, and case-based learning groups. Instructor expectations of students are specified by a list of explicit learning topics which constitute the basis for student assessment (exams).								
OST	OST	OCOM	7087X	Osteopathic Manipulative Medicine Skills IV	LAB	LB	2	0		N			0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: HCOM nondegree seeking student PR, F								
				COURSE DESC:	This sixteen-week course is the fourth in a series in which students master on the fundamentals of interviewing patients and performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis; incorporating osteopathic manipulative examination and treatment into patient care and working as a member of a learning team to solve clinical problems related to osteopathic medical practice. Course content includes osteopathic manipulative medicine (OMM) labs. Instructor expectations of the student are specified by a list of explicit OMM learning topics.								
OST	OST	OCOM	7110	Osteopathic Manipulative Medicine Honors 1	LAB	LB	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing PR, F								
				COURSE DESC:	This sixteen-week course will provide second year Osteopathic medical students with an opportunity to advance their skills in, understanding of and capacity to teach Osteopathic manipulative medicine (OMM) beyond the level possible through the standard year 1 & 2 curricula. The topics presented by our OUCOM director of faculty development will be: "giving constructive feedback". A weekly instructional hour designed to prepare these students to teach year 1 students as table trainers in the Osteopathic manipulative medicine lab will constitute the lecture portion of the course. One faculty development session will be provided fall quarter to focus honors students teaching skills. Each weekly lab period is 2 hours in length. During that lab each second year honors student will be supervising the progress and facilitating the understanding of six to eight year 1 students in a setting where faculty lead the lab and provide the resources to answer questions that the honors students have and/or questions year 1 students have with which the honors students need help. This allows the honors students to deepen their understanding and refine their palpatory skills following the adage, "see one, do one, teach one." A journal club will be scheduled once each quarter with review of articles relevant to Osteopathic philosophy, principles and practice. The honors students will have the opportunity to evaluate articles and exchange ideas with OMM faculty and post-graduate residents. There will also be one 2 hour lab session per quarter that will bring new diagnostic and therapeutic skills into focus (beyond those taught in the courses in the first two years).								
OST	OST	OCOM	7115	Osteopathic Manipulative Medicine Honors 2	LAB	LB	3	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing PR, F								
				COURSE DESC:	This eighteen-week course will provide second year Osteopathic medical students with an opportunity to advance their skills in, understanding of and capacity to teach Osteopathic manipulative medicine (OMM) beyond the level possible through the standard year 1 & 2 curricula. The topics presented by our OUCOM director of faculty development will be: "giving constructive feedback". A weekly instructional hour designed to prepare these students to teach year 1 students as table trainers in the Osteopathic manipulative medicine lab will constitute the lecture portion of the course. One faculty development session will be provided fall quarter to focus honors students teaching skills. Each weekly lab period is 2 hours in length. During that lab each second year honors student will be supervising the progress and facilitating the understanding of six to eight year 1 students in a setting where faculty lead the lab and provide the resources to answer questions that the honors students have and/or questions year 1 students have with which the honors students need help. This allows the honors students to deepen their understanding and refine their palpatory skills following the adage, "see one, do one, teach one." A journal club will be scheduled once each quarter with review of articles relevant to Osteopathic philosophy, principles and practice. The honors students will have the opportunity to evaluate articles and exchange ideas with OMM faculty and post-graduate residents. There will also be one 2 hour lab session per quarter that will bring new diagnostic and therapeutic skills into focus (beyond those taught in the courses in the first two years).								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7200	Clinical Skills Capstone Experience	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 3rd year OUCOM students PR, F									
		COURSE DESC:		The four-week capstone course will synthesize 18 months of medical educational experiences in an interactive environment with other health professions' students. Students will perform and document a full history and physical exam and perform neurological and psychiatry exams. They will interpret various radiographic studies and practice skills in Advanced Cardiac Life Support, as well as complete a variety of medical records. They will interpret diagnostic testing in the context of clinical cases and apply pharmacologic therapy in the context of a clinical case.									
OST	OST	OCOM	7200	Clinical Skills Capstone Experience	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 3rd year OUCOM students PR, F									
		COURSE DESC:		The four-week capstone course will synthesize 18 months of medical educational experiences in an interactive environment with other health professions' students. Students will perform and document a full history and physical exam and perform neurological and psychiatry exams. They will interpret various radiographic studies and practice skills in Advanced Cardiac Life Support, as well as complete a variety of medical records. They will interpret diagnostic testing in the context of clinical cases and apply pharmacologic therapy in the context of a clinical case.									
OST	OST	OCOM	7901	Introduction to Hospital Care/Orientation	CLN	CL	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 3rd year OUCOM students PR, F									
		COURSE DESC:		This clinical course familiarizes the student with the organization of his or her CORE site and the established policies, procedures and protocols of the specific hospital that serves as the base for assigned service rotations. During this time, the student is also introduced to various clinical services available at the site.									
OST	OST	OCOM	7902	Introduction to Clinical Education	CLN	CL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 3rd year OUCOM students PR, F									
		COURSE DESC:		This course will have online coursework and live presentation orientation on relevant topics to clinical education that is customized to prepare the student for success in their Years 3 and 4.									
OST	OST	OCOM	7920	Primary Care Associateship in Osteopathic Manipulative Medicine	PRA	PR	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This extended program offering (one year) is designed to provide the student with concentrated learning experiences in osteopathic principles and practice within the context of family medicine, educational methodologies relative to medical and patient education, and research design and development. Teaching activities and research options are contracted with the instructor to accommodate individual learning needs.									
OST	OST	OCOM	7921	Primary Care Associateship in Family Medicine	PRA	PR	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This extended program offering (one year) is designed to provide the student with concentrated learning experiences in family medicine, educational methodologies relative to medical and patient education, and research design and development. The student is expected to participate in supervised clinical experiences and selected teaching activities within the college as well as produce a scholarly research paper. Teaching activities and research options are contracted with the instructor of record to accommodate individual needs.									
OST	OST	OCOM	7922	Primary Care Associateship in Preventive Medicine/Public Health	PRA	PR	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course is for osteopathic medical students planning for primary care practice who wish to expand their knowledge and skills in preventive medicine and public health as it applies to primary care practice.									
OST	OST	OCOM	7923	Primary Care Associateship in Osteopathic Manipulative Medicine and Family Medicine	PRA	PR	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		The Osteopathic Manipulative Medicine and Family Medicine Associateship is a one year program designed to provide interested osteopathic medical students an opportunity to serve as adjunct faculty to the Departments of Family Medicine and OMM, engaged in teaching, scholarly activity and clinical medicine. The goal of the associateship is to promote interest in osteopathic medical education and research by enhancing the development of teaching and understanding of osteopathic clinical skills. Associates will have the opportunity to improve upon these skills in several capacities as they serve as individual mentors, tutors, lab leaders, group facilitators and class lecturers. In order to increase skills in teaching and scholarly activity, associates may utilize individual mentoring, classes, or seminars in which they learn effective teaching techniques, facilitation skills, research methodology and organizational skills.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7930	Directed Studies in Pre-clinical Osteopathic Medicine	IND	EL	1 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		Directed Studies in Pre-clinical Osteopathic Medicine is a course in which osteopathic medical students pursue directed independent work under the guidance of a faculty member. A student who undertakes this course usually does so to explore in more depth areas covered broadly in courses, to conduct research, to participate in sanctioned global health activities abroad, to prepare to remediate content or a COMLEX failure or to explore topics not ordinarily covered in the curriculum.									
OST	OST	OCOM	7930	Directed Studies in Pre-clinical Osteopathic Medicine	IND	IS	1 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		Directed Studies in Pre-clinical Osteopathic Medicine is a course in which osteopathic medical students pursue directed independent work under the guidance of a faculty member. A student who undertakes this course usually does so to explore in more depth areas covered broadly in courses, to conduct research, to participate in sanctioned global health activities abroad, to prepare to remediate content or a COMLEX failure or to explore topics not ordinarily covered in the curriculum.									
OST	OST	OCOM	7940	Research and Scholarly Advancement Fellowship	RSC	RS	1	0		I	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Permission required and Successful Completion of Year 1 Medical School Curriculum							
		COURSE DESC:		The purpose of this course is to provide an early research experience for students who have successfully completed the Year 1 medical school curriculum. This course will complement the current Patient-Centered Continuum (PCC) and Clinical Presentation Continuum (CPC) curricula currently offered by the College of Osteopathic Medicine. It will also better prepare the students to fulfill future research requirements, such as those in the CORE (Centers for Osteopathic Research & Education) and/or residencies and fellowships. Published research has shown that early research exposure for medical students improves their future attitudes and interest in research (Ley & Rosenberg, 2007), increases their productivity as physicians (Zier, Friedman, & Smith, 2006), better trains medical students to critically assess medical literature (Guillory & Sharp, 2003), and can help to interest medical students in research and academic careers (Solomon, et.al., 2003).									
OST	OST	OCOM	8000	Osteopathic Primary Care Clerkship	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Year 3 or 4 Osteopathic Medical Student							
		COURSE DESC:		The required Osteopathic Primary Care Clerkship is a four-week clerkship designed to provide experiences in an Osteopathic Primary Care setting that highlight the unique role of the Osteopathic Primary Care Physician and the principles and practice of Family Medicine and Internal Medicine. It is the first course recommended for all students at the beginning of Year 3 at OU-HCOM.									
OST	OST	OCOM	8000	Osteopathic Primary Care Clerkship	LEC	EL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Year 3 or 4 Osteopathic Medical Student							
		COURSE DESC:		The required Osteopathic Primary Care Clerkship is a four-week clerkship designed to provide experiences in an Osteopathic Primary Care setting that highlight the unique role of the Osteopathic Primary Care Physician and the principles and practice of Family Medicine and Internal Medicine. It is the first course recommended for all students at the beginning of Year 3 at OU-HCOM.									
OST	OST	OCOM	8000	Osteopathic Primary Care Clerkship	LEC	LE	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Year 3 or 4 Osteopathic Medical Student							
		COURSE DESC:		The required Osteopathic Primary Care Clerkship is a four-week clerkship designed to provide experiences in an Osteopathic Primary Care setting that highlight the unique role of the Osteopathic Primary Care Physician and the principles and practice of Family Medicine and Internal Medicine. It is the first course recommended for all students at the beginning of Year 3 at OU-HCOM.									
OST	OST	OCOM	8001	Osteopathic Family Medicine 1	CLN	CL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		The required Osteopathic Family Medicine One is a two-week rotation designed to provide experiences in an Osteopathic Family Medicine Residency Clinic setting.									
OST	OST	OCOM	8007	Longitudinal Integrated Clerkship 7	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only							
		COURSE DESC:		The seventh in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									
OST	OST	OCOM	8008	Longitudinal Integrated Clerkship 8	LAB	LB	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only							
		COURSE DESC:		The last in a series of longitudinal courses that guides students towards competence in patient-centered primary care. This course helps learners develop the skills needed to lead in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, as well as, patient-centered medical home practice.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8010	Family Medicine	CLN	CL	8	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		Family Medicine is a four-week rotation designed to provide experiences in a family medicine setting that highlight the unique role of the family medicine physician and the principles and practice of family medicine. Upon completion of this rotation, the student will appreciate the family medicine practitioners role as the physician of first contact who delivers holistic, family-oriented, comprehensive, continuous medical care to patients entering the health care system; enhance history and physical exam, diagnostic, procedural, OMT, interpersonal communication, psychosocial, and practice management skills to improve patient care; develop greater confidence in providing traditional quality medical care in ambulatory settings.									
OST	OST	OCOM	8020	Emergency Medicine	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This required four-week course is designed to give the 3rd year medical student clinical experience in the recognition, diagnosis and management of the patient with surgical, medical or psychiatric problems that require emergent care. The student will gain experience, knowledge and a conceptual understanding of the problems that present in the typical emergency room setting.									
OST	OST	OCOM	8030	Geriatric Medicine	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This required four-week course is designed to provide the 3rd year student with the skills and knowledge to understand and provide care to elderly patients in a variety of clinical settings.									
OST	OST	OCOM	8040	Pediatrics	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		The required four-week course in pediatrics is designed to provide the 3rd year student with didactic and clinical experiences in the diagnosis and management of the pediatric patient with either normal or pathological physiologic processes. The course will allow the student to gain expertise, knowledge and concepts of the natural course of disease and normal growth and development of the pediatric patient.									
OST	OST	OCOM	8050	Women's Health	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This required four-week required course is designed to provide the 3rd year medical student with opportunities to develop skills and behaviors that promote comprehensive quality health care for women, in addition to addressing reproductive issues that have traditionally been the focus of core competencies for OB/GYN clinical rotations.									
OST	OST	OCOM	8060	Psychiatry	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This required four-week course is designed to provide the 3rd year student with clinical experience in the diagnosis and treatment of psychiatric illnesses.									
OST	OST	OCOM	8070	Palliative Care	CLN	CL	2 to 4	4		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		This one- or two-week (preceptor and CORE site dependent) required course for 3rd or 4th year medical students is designed to expand their knowledge of pain and palliative care. Dealing with life-threatening illnesses requires complex interdisciplinary care to maximize quality of life. This course will expose students to the physical, emotional, social and spiritual needs of those near the end of life in multiple venues (hospital, office, home and/or residential care).									
OST	OST	OCOM	8100	General Internal Medicine	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This required four-week clinical course is a predominantly in-hospital experience during which the medical student observes and participates in the assessment, diagnosis and medical management of patients in general internal medicine as well as areas traditionally identified as subspecialties of internal medicine. This course can be taken out of sequence with special petition or Instructor of Record permission. Internal medicine subspecialties can be taken during the same semester as OCOM 8100.									
OST	OST	OCOM	8101	Internal Medicine Subspecialty - Adolescent Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8102	Internal Medicine Subspecialty - Allergy/Immunology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8103	Internal Medicine Subspecialty - Cardiology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8104	Internal Medicine Subspecialty - Endocrinology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8105	Internal Medicine Subspecialty - Gastroenterology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8106	Internal Medicine Subspecialty - Geriatrics	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8107	Internal Medicine Subspecialty - Hematology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8108	Internal Medicine Subspecialty - Hospital Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8109	Internal Medicine Subspecialty - Infectious Disease	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, neurology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU/Surgical ICU, hematology, rheumatology, dermatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8110	Internal Medicine Subspecialty - Nephrology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8111	Internal Medicine Subspecialty - Oncology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8112	Internal Medicine Subspecialty - Pulmonology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8113	Internal Medicine Subspecialty - Rheumatology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8114	Internal Medicine Subspecialty - Sports Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8115	Internal Medicine Subspecialty - Critical Care/ICU	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8116	Internal Medicine Subspecialty - General Internal Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.									
OST	OST	OCOM	8117	Internal Medicine Subspecialty Selective - House Nights	CLN	CL	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology. The addition of an IM Subspecialty Selective in House Nights will allow students to complete a one-week rotation, working alongside the House Officer, whose job it is to admit patients overnight into the hospital while providing care to those already admitted.									
OST	OST	OCOM	8117	Internal Medicine Subspecialty Selective - House Nights	CLN	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology. The addition of an IM Subspecialty Selective in House Nights will allow students to complete a one-week rotation, working alongside the House Officer, whose job it is to admit patients overnight into the hospital while providing care to those already admitted.									
OST	OST	OCOM	8118	Internal Medicine Subspecialty - Sleep Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in internal medicine specialties approved by the American Board of Internal Medicine. Recently the board has added sleep medicine to the list of subspecialties for which they provide certification; Heritage College would like to add a course in Sleep Medicine to the rotations available to osteopathic medical students for IM selective rotations.									
OST	OST	OCOM	8119	Internal Medicine Subspecialty - Hospice and Palliative Medicine	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three- or four-week rotations in a subspecialty approved by the American Board of Internal Medicine. Recently the Board has approved Hospice and Palliative Medicine as a subspecialty, so this selective is being added to the options available to students. The purpose of the Hospice and Palliative Medicine (HPM) rotation is to provide the student with an overview of hospice care and palliative medicine. The student is expected to encounter the following diseases and conditions on the rotation: ¿ End-Stage chronic obstructive pulmonary disease (COPD) ¿ End-Stage congestive heart failure (CHF) ¿ Aspiration Pneumonia ¿ Altered mentation/delirium/dementia ¿ Severe coronary artery disease (CAD) ¿ Palliative management of surgical patients ¿ End-Stage Renal failure/dehydration ¿ Uncontrolled diabetes mellitus ¿ Stroke ¿ Sepsis ¿ End-Stage Pancreatitis ¿ Stage IV Cancer									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8140	General Surgery	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		The purpose of this required four-week required course in surgery is to provide the student with an overview of the clinical specialty of General Surgery. This rotation is not intended to transform the student into a surgeon, but rather it is to provide the clinical clerk a survey of the specialty. The student will encounter a variety of experiences in those areas traditionally identified as Surgery. This course can be taken out of sequence. General Surgery subspecialties can be taken during the same semester as OCOM 8140.									
OST	OST	OCOM	8141	Selective Surgery - General Surgery	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the basic required four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding OCOM 8140). Surgical subspecialties may be completed in either 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8142	Selective Surgery - Ophthalmology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8143	Selective Surgery - Breast	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical subspecialties may be completed in 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8144	Selective Surgery - Cardiothoracic	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical subspecialties may be completed in 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8145	Selective Surgery - Neurological	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical subspecialties may be completed in 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8146	Selective Surgery - Obstetrics and Gynecology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8147	Selective Surgery - Oncologic	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8148	Selective Surgery - Orthopedics	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8149	Selective Surgery - Otorhinolaryngology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8150	Selective Surgery - Plastic and Reconstructive	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8151	Selective Surgery - Proctology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8152	Selective Surgery - Trauma	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties may be completed in 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8153	Selective Surgery - Urology	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical specialties that may be completed in 2 week rotations include OB/Gyn surgery, oncologic surgery, ophthalmologic surgery, orthopedic surgery, otorhinolaryngology, plastic and reconstructive surgery, proctology and urology.									
OST	OST	OCOM	8154	Selective Surgery - Vascular	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding the general surgery rotation). Surgical subspecialties may be completed in 2 two-week rotations or 1 four-week rotation.									
OST	OST	OCOM	8200	Elective - Anesthesiology	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8201	Elective - Aerospace Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for 3rd and 4th year students to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8202	Elective - Continuity in Primary Care: Longitudinal Integrated Clerkship	CLN	CL	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course is a one-year rotation, during the third year of medical school, situated within a rural or urban underserved family medicine practice and providing exposure to the continuity of primary care across the continuum of the inpatient and outpatient settings. It exposes the student to the breadth of family practice including medical care of all ages, as well as enhances the student's ability to provide continuity in care. This rotation also exposes the student to the collaboration of health care entities in the community, practice, management, practice quality improvement, and possibly research. It also provides exposure to the direct supervisory role of the physician CNP/PA/MA relationships. Overall, the goal of this rotation is to allow the student to develop rural/urban primary health care training by developing a continuity practice of their own under the direction of their supervisory site director. With this knowledge and experience, a better understanding of the scope of rural/urban underserved primary health care is achieved.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8203	Elective - Cardiology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8204	Elective - Cardiovascular, Vascular and Thoracic Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8205	Elective - Dermatology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8206	Elective - Otorhinolaryngology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8207	Elective - Emergency Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8208	Elective - Family Medicine	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8209	Elective - General Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8210	Elective - Hematology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8211	Elective - General Internal Medicine	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8212	Elective - Neonatology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8213	Elective - Nephrology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8215	Elective - Nuclear Medicine	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8216	Elective - Obstetrics and Gynecology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8217	Elective - Oncology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8218	Elective - Ophthalmology	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8219	Elective - Osteopathic Manipulative Medicine	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8220	Elective - Orofacial Plastic Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8221	Elective - Orthopedic Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8222	Elective - Laboratory Medicine/Pathology	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8223	Elective - Pediatrics	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8224	Elective - Physical Medicine and Rehabilitation	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8225	Elective - Proctology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8226	Elective - Psychology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8227	Elective - Pulmonary Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8228	Elective - Radiology	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8229	Elective - Rheumatology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8230	Elective - Thoracic Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8231	Elective - Urology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8232	Elective - Vascular Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8233	Elective - Maternal Fetal Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8234	Elective - Bronchoesophagology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8238	Elective - Trauma	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8239	Elective - Critical Care Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8240	Elective - Gastroenterology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8241	Elective - Podiatry	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8242	Elective - Oral Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8243	Elective - Sports Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8244	Elective - Infectious Disease	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8245	Elective - Allergy/Immunology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8246	Elective - Geriatric Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8247	Elective - Plastic/Reconstructive Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8248	Elective - Endocrinology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8249	Elective - Otolaryngology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8250	Elective - Sleep Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8251	Elective - Urgent Care	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8252	Elective - Acupuncture	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8253	Elective - Pain Management	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8254	Elective - Pharmacology	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8255	Elective - Dentistry	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8256	Elective - EKG Reading	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8257	Elective - Addiction Medicine	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8258	Elective - Palliative Care	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8259	Elective - Wound Care	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8260	Elective - Psychiatry	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8261	Elective - Hospital Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8262	Elective - House Nights	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8263	Elective- Hematology/Oncology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8264	Elective-Gynecology Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, addiction medicine, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8265	Elective- Women's Health	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8266	Elective- Forensic Pathology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8267	Elective - Gynecologic Oncology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8268	Elective - Breast Surgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8269	Elective - Urogynecology	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:	Offered only to OUCOM 3rd and 4th Year students								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8270	Elective - Humanistic Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8271	Elective - Neurosurgery	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8272	Elective - Occupational Medicine	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8273	Elective - Pediatric Subspecialties	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8274	Elective - Conference	SEM	SE	2	4		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8275	Elective - Bariatrics	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8276	Elective- Ultrasound	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F									
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research, ultrasound); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8277	Elective - Health Policy Formation and Implementation	TUT	TU	2 to 8	8		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Offered only to OUCOM 3rd and 4th Year students						
				COURSE DESC:	This rotation introduces medical students to the state legislative process, state health policy development and implementation, and the role of physicians in developing and shaping health policy. Students will spend time with the Ohio Osteopathic Association (OOA) Executive Director and attend coalition strategy meetings, legislative committees that deal with healthcare issues, shadow a legislator who is a member of the House or Senate Health Committee, and assist the OOA in researching current topics, drafting policy statements and assisting with legislative and agency briefings.								
OST	OST	OCOM	8278	Elective - Student Health	CLN	CL	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for college students on a clinical rotation, for example at Campus Care on the Ohio University campus. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.								
OST	OST	OCOM	8278	Elective - Student Health	CLN	EL	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for college students on a clinical rotation, for example at Campus Care on the Ohio University campus. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.								
OST	OST	OCOM	8279	Elective - Lesbian, Gay, Bisexual, Transgender, Queer/Questioning Medicine	CLN	CL	2 to 8	8		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	This course offers opportunities for the Year 3 and 4 students to attain knowledge and skill in one or more areas of special interest related to their development as a future osteopathic family physician. A limited number of rotations may be scheduled in one- week blocks, the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.								
OST	OST	OCOM	8280	Elective in Osteopathic Medicine - Neurology	CLN	CL	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for patients with neurological disorders. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.								
OST	OST	OCOM	8281	Elective in Pediatric/Adolescent Gynecology and Rural Obstetrics and Gynecology	CLN	CL	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	The purpose of this rotation is to provide the student with an overview of the clinical specialty of Pediatric and Adolescent Gynecology (PAG) and obstetrics. In this primarily ambulatory rotation, the student will encounter a variety of experiences in the areas of not only Pediatric and Adolescent Gynecology, but also of Rural Obstetrics and Gynecology, including teen pregnancy.								
OST	OST	OCOM	8282	Elective - Dermatology	LAB	LB	1 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
				COURSE DESC:	This course offers opportunities for the Year 3 and 4 students to attain knowledge and skill in one or more areas of special interest related to their development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks, the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.								
OST	OST	OCOM	8300	Primary Care	CLN	CL	8	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:	OCOM 8010						
				COURSE DESC:	This required four-week clinical course reflects content that builds on and is sequential to the 3rd year level courses (OCOM 8010). It is designed to give hands-on experiences to 3rd and/or 4th year students in the medical management of common disease processes encountered in general family practice with patients of all ages.								
OST	OST	OCOM	8500	Elective Not for Credit	CLN	CL	0	99		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR,	REQUISITE:							
				COURSE DESC:	Students may take this course and use their vacation time in order to obtain experience and exposure to a variety of medical fields and preceptors without receiving credit toward graduation requirements.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8501	Defining Health Policy: History and Process in Government	SEM	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		Both university faculty and actual policymakers participate in instruction. A workshop in the orientation week sets the definitions to be used and introduces the materials in the texts. The sessions are organized around: <ul style="list-style-type: none"> 1. State policymaking - the powers which reside in the state and processes used to set health policy. Material is presented by faculty, officials, and elected representatives from the state in which the meeting is held. Comparison and contrast to other states is included. 2. Executive branch government policymaking - the agencies, regulatory and research evaluation processes by which policy is generated and implemented for the administration defining their missions and illustrating their ability to impact policy. The sessions are organized by the American Association of Colleges of Osteopathic Medicine (AACOM) at its Chevy Chase, Maryland offices. 3. Federal legislative policymaking - the process and the players. A full-day workshop on the legislative process in Congress is offered by personnel from the training program for freshman legislators. University faculty present sessions on the history of health policy in government. The role of special interest organizations and methods for presenting policy solutions to policymakers are covered by national experts. <p>Other material is included throughout the year on topics such as the role of values in health policy decisions, budgets as policymaking tools, how to influence your legislator, the growing presence of D.O.s in health policy, and the policymaking processes of the American Osteopathic Association.</p> <p>Evaluation: Participants build a policy agenda with government relations staff of the AOA and carry it to federal legislators and staff from their own state - then evaluate the sessions with the accompanying staffers.</p>									
OST	OST	OCOM	8501	Defining Health Policy: History and Process in Government	SEM	SE	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		Both university faculty and actual policymakers participate in instruction. A workshop in the orientation week sets the definitions to be used and introduces the materials in the texts. The sessions are organized around: <ul style="list-style-type: none"> 1. State policymaking - the powers which reside in the state and processes used to set health policy. Material is presented by faculty, officials, and elected representatives from the state in which the meeting is held. Comparison and contrast to other states is included. 2. Executive branch government policymaking - the agencies, regulatory and research evaluation processes by which policy is generated and implemented for the administration defining their missions and illustrating their ability to impact policy. The sessions are organized by the American Association of Colleges of Osteopathic Medicine (AACOM) at its Chevy Chase, Maryland offices. 3. Federal legislative policymaking - the process and the players. A full-day workshop on the legislative process in Congress is offered by personnel from the training program for freshman legislators. University faculty present sessions on the history of health policy in government. The role of special interest organizations and methods for presenting policy solutions to policymakers are covered by national experts. <p>Other material is included throughout the year on topics such as the role of values in health policy decisions, budgets as policymaking tools, how to influence your legislator, the growing presence of D.O.s in health policy, and the policymaking processes of the American Osteopathic Association.</p> <p>Evaluation: Participants build a policy agenda with government relations staff of the AOA and carry it to federal legislators and staff from their own state - then evaluate the sessions with the accompanying staffers.</p>									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8502	Current Issues in Health Policy: Case-Based Instruction	SEM	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		<p>The issues to be included in each year's curriculum are determined by a curricular planning group which meets in July to plan the following academic year. Instruction is organized around set problems furnished to the Fellows at one session and resolved at the next. Key references are furnished and the program content is delivered by experts and policymakers intimately involved in the issue under discussion. Wherever possible, both sides of controversial issues are presented. Issues presented in the programs for a sample year are: Reform in Healthcare Entitlement Programs (state and national perspectives) The Healthcare Market move to Managed Car Determining and Controlling the Healthcare Workforce The Role of Regulation in Healthcare Economics of Healthcare Health Policy Issues in the Osteopathic Profession Preparing for an Increasingly Diverse Patient Population</p> <p>Fellows are trained in problem-based learning in the orientation sessions. Groups of five meet with a faculty facilitator trained in small group facilitation. In the first session they read the case, identify the learning issues it presents, and make member assignments in preparation for the resolution of the case at the next session. They meet again to share their work at the opening of the following month's program and to decide what questions they will put to the presenters. (Presenters are furnished the case in advance). Finally, they meet to arrive on a solution and plan a presentation of their work.</p> <p>Evaluation: Faculty and Fellows critique presentation of the case resolution following each issue-based program. Presenters are evaluated by the Fellows and the feedback used to select the strongest faculty for the following year's program.</p>									
OST	OST	OCOM	8502	Current Issues in Health Policy: Case-Based Instruction	SEM	SE	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		<p>The issues to be included in each year's curriculum are determined by a curricular planning group which meets in July to plan the following academic year. Instruction is organized around set problems furnished to the Fellows at one session and resolved at the next. Key references are furnished and the program content is delivered by experts and policymakers intimately involved in the issue under discussion. Wherever possible, both sides of controversial issues are presented. Issues presented in the programs for a sample year are: Reform in Healthcare Entitlement Programs (state and national perspectives) The Healthcare Market move to Managed Car Determining and Controlling the Healthcare Workforce The Role of Regulation in Healthcare Economics of Healthcare Health Policy Issues in the Osteopathic Profession Preparing for an Increasingly Diverse Patient Population</p> <p>Fellows are trained in problem-based learning in the orientation sessions. Groups of five meet with a faculty facilitator trained in small group facilitation. In the first session they read the case, identify the learning issues it presents, and make member assignments in preparation for the resolution of the case at the next session. They meet again to share their work at the opening of the following month's program and to decide what questions they will put to the presenters. (Presenters are furnished the case in advance). Finally, they meet to arrive on a solution and plan a presentation of their work.</p> <p>Evaluation: Faculty and Fellows critique presentation of the case resolution following each issue-based program. Presenters are evaluated by the Fellows and the feedback used to select the strongest faculty for the following year's program.</p>									
OST	OST	OCOM	8503	Research Methods and Tools for Health Policy Development and Analysis	SEM	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:								
		COURSE DESC:		<p>A one week orientation offers instruction in computing to enhance e-mail skills, database searching and internet information searches. Reference librarians offer a workshop in the use of the contemporary library with a focus on current health policy documents and resources. Computer skills are reinforced in session gathering references for an assigned research paper, in communication among participants and program faculty, and in instruction in PowerPoint, a statistics program, etc. Guidelines for developing the research paper and workshops in writing skills are offered by medical communicators. Two sessions in quantitative and qualitative analysis address reading and understanding statistical testing methods, survey and focus group methods, and statistical exercises on the computer. One-on-one research design and editorial support are available during project development, and instruction in presenting the findings effectively is offered in the last week of the session. Time is reserved each week to review progress and share feedback on the projects.</p> <p>Evaluation: Policy papers are due mid-summer after the year of study. They are read by reviewers from the AOA council of Federal Health Programs who select three of four for presentation at the fall meeting where certifications are awarded. Others are presented and all printed as proceedings for distribution to the Fellows and alumni of the program.</p>									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8503	Research Methods and Tools for Health Policy Development and Analysis	SEM	SE	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F		REQUISITE:							
		COURSE DESC:		A one week orientation offers instruction in computing to enhance e-mail skills, database searching and internet information searches. Reference librarians offer a workshop in the use of the contemporary library with a focus on current health policy documents and resources. Computer skills are reinforced in session gathering references for an assigned research paper, in communication among participants and program faculty, and in instruction in PowerPoint, a statistics program, etc. Guidelines for developing the research paper and workshops in writing skills are offered by medical communicators. Two sessions in quantitative and qualitative analysis address reading and understanding statistical testing methods, survey and focus group methods, and statistical exercises on the computer. One-on-one research design and editorial support are available during project development, and instruction in presenting the findings effectively is offered in the last week of the session. Time is reserved each week to review progress and share feedback on the projects. Evaluation: Policy papers are due mid-summer after the year of study. They are read by reviewers from the AOA council of Federal Health Programs who select three of four for presentation at the fall meeting where certifications are awarded. Others are presented and all printed as proceedings for distribution to the Fellows and alumni of the program.									
OST	OST	OCOM	8900	Special Topics in Osteopathic Medicine	LEC	EL	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
OST	OST	OCOM	8900	Special Topics in Osteopathic Medicine	LEC	LE	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
OST	OST	OCOM	8911	Elective - Global Health	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F		REQUISITE:							
		COURSE DESC:		The purpose of this rotation is to provide an opportunity for the student to explore issues in the delivery of health services in other countries. This rotation is not intended to transform the student into a specialist, but rather it is to provide a survey of the specialty. Students will need to use a logical and appropriate clinical approach to the care of patients in a developing country setting, utilizing locally available resources, and applying principles of evidence-based decision-making and problem-solving. These experiences are designed not only for students considering careers in international health, but for increasing the understanding of any future physician practicing in the United States who may care for patients from other countries. The experience is also designed to deepen the awareness of all participants regarding the determinants of health and illness and diverse methods of approaching health problems in settings with varied cultural, socio-economic and political characteristics. These experiences help students develop sensitivity to health disparities and their causes, including health, social, economic and environmental factors.									
OST	OST	OCOM	8912	Elective - Academic Medicine	TUT	TU	4 to 12	12		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	OCOM	8920	Health Care Management Clerkship	PRA	PR	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F		REQUISITE:							
		COURSE DESC:		This two-week required practicum for 4th year students is designed to introduce them to managed care concepts and the practice of medicine within managed care environments, to expand student knowledge regarding the principles of managed care and health service delivery, and introduce students to different aspects of managed care practice including the perspectives of physicians, legal affairs, managed care organizations, governmental agencies and the hospital system.									
OST	OST	OCOM	8921	Elective - Academic Osteopathic Manipulative Medicine	PRA	PR	16 to 20	20		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F		REQUISITE:							
		COURSE DESC:		The purpose of this elective rotation is to provide the student with the opportunity to enhance his/her knowledge and skills to a level appropriate for an intermediate student instructor in Osteopathic Manipulative Medicine. To accomplish this, the rotation provides a broad overview of Academic Osteopathic Manipulative Medicine. The student is expected to encounter and participate in a variety of experiences while working within the year 1 & 2 OMM academic curricula and in the supervised OMM clinic, with supervised hospital participation when feasible.									
OST	OST	OCOM	8930	Directed Studies in Osteopathic Medicine	IND	EL	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F		REQUISITE:							
		COURSE DESC:		This course is available for the student who wants to participate under faculty supervision in specific educational activities related to, but beyond the scope of, the current osteopathic medical school curriculum.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8930	Directed Studies in Osteopathic Medicine	IND	IS	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		This course is available for the student who wants to participate under faculty supervision in specific educational activities related to, but beyond the scope of, the current osteopathic medical school curriculum.									
OST	OST	OCOM	8931	Elective in EKG Reading - Self Study	IND	IS	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F									
		COURSE DESC:		The EKG Reading Self Study elective uses resources provided by OU-HCOM to assist student in learning the basics of reading and interpreting electrocardiographs (EKGs). A variety of EKGs will be presented to the student to learn from, and textbooks will be used to assist the student in understanding the interpretation of normal and abnormal cardiac rhythms. At the end of the week of self-study the student will be given an examination consisting primarily of rhythm strips to interpret and correctly identify.									
OST	OST	OCOM	8940	Research Elective - Introduction to Research	RSC	RS	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		The purpose of this rotation is to provide the student with the opportunity to develop or enhance his/her knowledge and skills to a level appropriate for a beginning researcher in preparation for engaging in an actual research study. This course is available for the student who wants to design and participate in specially selected research addressing questions derived from osteopathic clinical practice and philosophy under the direction of basic science or clinical faculty.									
OST	OST	OCOM	8941	Scholarly Work - Required Paper	RSC	RS	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		Students are required to work with the primary preceptor on an assigned service between December of year 3 and December of year 4 to select and approve an appropriate patient actually seen while on rotation as the basis for this paper. The selected patient case must lend itself to producing a paper that includes the usual components of a case report; the case must have some noteworthy appeal that would be valuable to a particular audience. Once the audience has been identified, the student must select a target journal as a potential venue for publication of the case report; it may be helpful to identify a few target publications and discuss these with the preceptor. The case report must then be written to conform to the submission guidelines and specifications of the specified target journal. An osteopathic component must be included in the manuscript submitted for grading.									
OST	OST	OCOM	8942	Research Elective - Critical Literature Review	RSC	RS	4 to 6	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		The purpose of this elective rotation is to provide the student with the opportunity to develop or enhance his/her knowledge and skills to a level appropriate for a beginning researcher. Permission to participate must be given by the CORE Research Director and the Assistant Dean Clinical Education; the student must also be in good academic standing. This rotation provides a broad overview of critical review of literature via hands-on experience. In hospital and ambulatory settings (as appropriate), the student is expected to encounter a variety of experiences that may lead to a clinical question answerable through the conduct of an extensive and critical review of the literature. To achieve rotation objectives, the student is expected to apply research-based concepts of diagnosis and management to the patient, develop a working knowledge of both inpatient and outpatient treatment modalities, research design, understanding basic statistical results and interpretation, human subject protection, manuscript writing, and dissemination of research findings as means of contributing to evidence-based medicine. Throughout the rotation, students should have multiple opportunities to perform different aspects of a critical literature review and to practice problem-solving skills.									
OST	OST	OCOM	8943	Research Elective - Case Based Study	RSC	RS	2 to 6	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		The purpose of this rotation is to provide the student with the opportunity to develop or enhance his/her knowledge and skills to a level appropriate for a beginning researcher. To accomplish this, the rotation provides an opportunity to write a case report and submit it for publication. A case report is defined as an account of the signs, symptoms, diagnosis, treatment and follow-up of a patient that follows an unusual or noteworthy case presentation. A case report can consist of a single-case study or a multiple-case study (N<11). In hospital and ambulatory settings (as appropriate), the student potentially may encounter unique or rare illnesses/diseases or treatment and therapy. To achieve the rotation objectives, the student is expected to apply the concepts of diagnosis and management to the patient, develop a working knowledge of both inpatient and outpatient treatment modalities, be familiar with human subjects protection and its implication on collection of patient information, write the paper following a target journal's submission guidelines, and submit the manuscript for publication as means of contributing to evidence-based medicine. Throughout the rotation, students should have multiple opportunities to perform different aspects of scholarly work and to practice problem-solving skills. The student should enroll for the research rotation only after they have found an acceptable case to report; the rotation should not be used to locate a case to report upon.									

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COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8944	Research Elective - Retrospective, Prospective, and Meta-Analysis Studies	RSC	RS	6 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F									
		COURSE DESC:		The purpose of this rotation is to provide the student with the opportunity to develop or enhance his/her knowledge and skills to a level appropriate for a beginning researcher. Permission to participate must be given by the CORE Research Director and the Assistant Dean Clinical Education; the student must also be in good academic standing. Student research can consist of any of the following types of studies: a retrospective study, a prospective study, a survey study or a meta-analysis. To accomplish this, the rotation provides a broad overview of research via hands-on experience. To achieve rotation objectives, the student is expected to apply research-based concepts of diagnosis and management to the patient, develop a working knowledge of both inpatient and outpatient treatment modalities, research design, statistics and hypothesis testing, human subject protection, protocol development, and dissemination of research findings as means of contributing to evidence-based medicine. Throughout the rotation, students should have multiple opportunities to perform different aspects of research and to practice problem-solving skills.									
OST	OST	OCOM	8945	Capstone Course for Dual Degree Medical Students	RSC	RS	4 to 24	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 4 Osteopathic Medical Student									
		COURSE DESC:		This capstone course provides the opportunity for Heritage College Dual Degree Program (DDP) students to demonstrate their ability to effectively integrate and successfully apply the knowledge and skills acquired during their DDP, in real-life situations. Students are asked to propose a culminating educational project on a defined scholarly question, or a problem of particular professional and/or personal interest, whose solution requires a multidisciplinary approach. The completion of this educational project takes into consideration each student's distinct academic background and educational experience, and is performed under the guidance of a faculty mentor/advisor.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	EVT	1000	Introduction to Environmental Engineering Technology	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Topics include toxicology, air pollution, groundwater contamination, transportation of hazardous materials, waste characterization, waste management, and waste treatment and disposal, with discussion of how regulations affect each.									
RHE	OUC	EVT	1000	Introduction to Environmental Engineering Technology	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Topics include toxicology, air pollution, groundwater contamination, transportation of hazardous materials, waste characterization, waste management, and waste treatment and disposal, with discussion of how regulations affect each.									
RHE	OUC	EVT	1100	Environmental Engineering Instrumentation and Computation	LAB	LB	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	EVT	1100	Environmental Engineering Instrumentation and Computation	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	EVT	1100	Environmental Engineering Instrumentation and Computation	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	EVT	1200	Introduction to Environmental Chemistry	LAB	LB	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	EVT	1200	Introduction to Environmental Chemistry	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	EVT	1200	Introduction to Environmental Chemistry	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	EVT	1250	Hazwoper	LAB	LB	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									
RHE	OUC	EVT	1250	Hazwoper	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	EVT	1250	Hazwoper	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									
RHE	OUC	EVT	1400	Introduction to Air and Wastewater Pollution	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Principal types; sources; dispersion; effects; and physical, economic, and legal aspects of controlling atmospheric and wastewater pollutants. Emphasizes atmospheric and wastewater chemical reactions due to air and water pollutant emissions.									
RHE	OUC	EVT	1400	Introduction to Air and Wastewater Pollution	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Principal types; sources; dispersion; effects; and physical, economic, and legal aspects of controlling atmospheric and wastewater pollutants. Emphasizes atmospheric and wastewater chemical reactions due to air and water pollutant emissions.									
RHE	OUC	EVT	1900	Special Topics	IND	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	1900	Special Topics	IND	IS	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	1900	Special Topics	LEC	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	1900	Special Topics	LEC	LE	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	1910	Internship/Practicum/Cooperative Education	INT	IN	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F									
		COURSE DESC:		Required for students on approved work assignments. Must submit final report on work activities. Credit not applicable toward specific degree requirements but will accumulate in academic credit total.									
RHE	OUC	EVT	2000	Site Investigation, Sampling, and Monitoring	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2000L concurrent CR									
		COURSE DESC:		Field-oriented course involving hazardous materials site investigation, characterization, and cleanup. Topics are planning and organization, training and medical programs, site assessment, sampling and monitoring, site control, hazardous materials handling, and emergency response.									
RHE	OUC	EVT	2000	Site Investigation, Sampling, and Monitoring	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2000L concurrent CR									
		COURSE DESC:		Field-oriented course involving hazardous materials site investigation, characterization, and cleanup. Topics are planning and organization, training and medical programs, site assessment, sampling and monitoring, site control, hazardous materials handling, and emergency response.									
RHE	OUC	EVT	2000L	Site Investigation, Sampling, and Monitoring Laboratory	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2000 concurrent CR									
		COURSE DESC:		Emphasizes use of sampling equipment and instrumentation including drum sampling equipment, water sampling equipment, air sampling equipment, soil sampling equipment, drill rig equipment (when available), and monitoring well installation and sampling equipment (when available) as they apply to personal and environmental sampling.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	EVT	2100	Introduction to Health Physics	LAB	LB	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	EVT	2100	Introduction to Health Physics	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	EVT	2100	Introduction to Health Physics	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	EVT	2200	Fluid Mechanics	LAB	LB	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Fundamentals of fluid mechanics as applied to surface and groundwater, wastewater, and air emissions management. Topics include basic hydraulics, friction loss, pressure, flow measurement, pump types and characteristics, and schematic interpretation.									
RHE	OUC	EVT	2200	Fluid Mechanics	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Fundamentals of fluid mechanics as applied to surface and groundwater, wastewater, and air emissions management. Topics include basic hydraulics, friction loss, pressure, flow measurement, pump types and characteristics, and schematic interpretation.									
RHE	OUC	EVT	2200	Fluid Mechanics	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Fundamentals of fluid mechanics as applied to surface and groundwater, wastewater, and air emissions management. Topics include basic hydraulics, friction loss, pressure, flow measurement, pump types and characteristics, and schematic interpretation.									
RHE	OUC	EVT	2400	Air Sampling and Analysis	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2400L concurrent CR									
		COURSE DESC:		Provides practical field experience in ambient air and indoor sampling. Instrumentation used to provide real-time data collection and analysis. Emphasis on methods that determine the concentration of normally encountered air pollutants.									
RHE	OUC	EVT	2400	Air Sampling and Analysis	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2400L concurrent CR									
		COURSE DESC:		Provides practical field experience in ambient air and indoor sampling. Instrumentation used to provide real-time data collection and analysis. Emphasis on methods that determine the concentration of normally encountered air pollutants.									
RHE	OUC	EVT	2400L	Air Sampling and Analysis Laboratory	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2400 concurrent CR									
		COURSE DESC:		Emphasizes air flow measurements using devices that demonstrate volumetric displacement, velocity impaction, viscosity, and pressure. Provides techniques for determining accuracy, precision or repeatability, and calibration.									
RHE	OUC	EVT	2500	Analysis of Environmental Pollutants	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2500L concurrent CR									
		COURSE DESC:		Covers important techniques necessary for analyzing environmental samples. Methods established by EPA are used to analyze samples for heavy metals, volatiles, and semi-volatiles.									
RHE	OUC	EVT	2500	Analysis of Environmental Pollutants	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2500L concurrent CR									
		COURSE DESC:		Covers important techniques necessary for analyzing environmental samples. Methods established by EPA are used to analyze samples for heavy metals, volatiles, and semi-volatiles.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	EVT	2500L	Analysis of Environmental Pollutants Laboratory	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EVT 2500 concurrent CR									
		COURSE DESC:		Emphasizes lab instrumentation such as GC/MS, AA, and IR spectrophotometer. Lab reports required from the analysis of soil and water samples.									
RHE	OUC	EVT	2600	Environmental Risk Assessment	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analyzes risk assessment process applied to environmental problems. Uncertainty factors, risk analysis, and exposure characterization, fate, and transport models addressed.									
RHE	OUC	EVT	2600	Environmental Risk Assessment	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analyzes risk assessment process applied to environmental problems. Uncertainty factors, risk analysis, and exposure characterization, fate, and transport models addressed.									
RHE	OUC	EVT	2900	Special Topics	IND	EL	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	2900	Special Topics	IND	IS	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	2900	Special Topics	LEC	EL	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	2900	Special Topics	LEC	LE	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	EVT	2910	Internship/Practicum/Cooperative Education	INT	IN	1 to 5	24		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		Required for students on approved work assignments. Must submit final report on work activities. Credit not applicable toward specific degree requirements but will accumulate in academic credit total.									
RHE	OUC	HMT	1100	Hazardous Materials Regulation I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses U.S. laws and regulations that pertain to environmental law and liabilities associated with handling hazardous materials. Topics include the basics of environmental law, liability and enforcement, Resource Conservation and Recovery Act (RCRA), transportation of hazardous materials, and the Clean Air Act. Current events discussed and analyzed.									
RHE	OUC	HMT	1100	Hazardous Materials Regulation I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Addresses U.S. laws and regulations that pertain to environmental law and liabilities associated with handling hazardous materials. Topics include the basics of environmental law, liability and enforcement, Resource Conservation and Recovery Act (RCRA), transportation of hazardous materials, and the Clean Air Act. Current events discussed and analyzed.									
RHE	OUC	HMT	1200	Hazard Communication Standard	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasis on hazard communication programs, their development and implementation, and their compliance with federal Hazard Communication Standard and "Right-to-Know" laws. Topics include Material Safety Data Sheets (MSDS), written programs, employee training, and labels and placarding.									
RHE	OUC	HMT	1200	Hazard Communication Standard	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Emphasis on hazard communication programs, their development and implementation, and their compliance with federal Hazard Communication Standard and "Right-to-Know" laws. Topics include Material Safety Data Sheets (MSDS), written programs, employee training, and labels and placarding.									
RHE	OUC	HMT	1300	Industrial Processes	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Generation of hazardous materials in such settings as electroplating, metal finishing, printed circuit board production, oil refining, chemical production, steel production, paper industry, and various other production areas. Emphasis on acute and chronic exposure. Hazardous materials handling and minimized waste generation covered.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	HMT	1300	Industrial Processes ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	U20		0
				GEC1: A-F REQUISITE: Generation of hazardous materials in such settings as electroplating, metal finishing, printed circuit board production, oil refining, chemical production, steel production, paper industry, and various other production areas. Emphasis on acute and chronic exposure. Hazardous materials handling and minimized waste generation covered.									
RHE	OUC	HMT	1400	Hazardous Materials Regulation II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U20		0
				GEC1: A-F REQUISITE: The Environmental Protection Agency (EPA) is the major focus. Included are the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Superfund Amendments and Reauthorization Act (SARA); the Clean Water Act (CWA); the Safe Drinking Water Act (SDWA); the Oil Pollution Act; and the National Environmental Policy Act (NEPA). Regulatory compliance is a major topic, with some case studies.									
RHE	OUC	HMT	1400	Hazardous Materials Regulation II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: The Environmental Protection Agency (EPA) is the major focus. Included are the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Superfund Amendments and Reauthorization Act (SARA); the Clean Water Act (CWA); the Safe Drinking Water Act (SDWA); the Oil Pollution Act; and the National Environmental Policy Act (NEPA). Regulatory compliance is a major topic, with some case studies.									
RHE	OUC	HMT	1500	Emergency Response I ELIGIBLE GRADES: COURSE DESC:	LAB	LB	2	0		N	U20		0
				GEC1: A-F REQUISITE: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.									
RHE	OUC	HMT	1500	Emergency Response I ELIGIBLE GRADES: COURSE DESC:	LEC	EL	2	0		N	U20		0
				GEC1: A-F REQUISITE: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.									
RHE	OUC	HMT	1500	Emergency Response I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	U20		0
				GEC1: A-F REQUISITE: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.									
RHE	OUC	HMT	2000	Hazardous Materials Recovery, Incineration, and Disposal ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U20		0
				GEC1: A-F REQUISITE: Directed toward the recovery, incineration, and disposal of hazardous waste. Topics include the contracting of qualified disposal organizations, obtaining permits, and ensuring compliance of hazardous waste. On- and off-site treatment technology as well as chemical and physical characteristics of hazardous materials and waste discussed. Environmental contamination for air, water, and land explored. Some air dispersion modeling included.									
RHE	OUC	HMT	2000	Hazardous Materials Recovery, Incineration, and Disposal ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Directed toward the recovery, incineration, and disposal of hazardous waste. Topics include the contracting of qualified disposal organizations, obtaining permits, and ensuring compliance of hazardous waste. On- and off-site treatment technology as well as chemical and physical characteristics of hazardous materials and waste discussed. Environmental contamination for air, water, and land explored. Some air dispersion modeling included.									
RHE	OUC	HMT	2100	Hazardous Materials Regulation III ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U20		0
				GEC1: A-F REQUISITE: Addresses the Toxic Substances Control Act (TSCA), asbestos regulations, pesticides, the Emergency Planning and Community Right-to-Know Act (EPCRA), and the OSH Act. Case studies, class participation, and reports are emphasized.									
RHE	OUC	HMT	2100	Hazardous Materials Regulation III ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Addresses the Toxic Substances Control Act (TSCA), asbestos regulations, pesticides, the Emergency Planning and Community Right-to-Know Act (EPCRA), and the OSH Act. Case studies, class participation, and reports are emphasized.									
RHE	OUC	HMT	2200	Hazardous Materials Health Effects ELIGIBLE GRADES: COURSE DESC:	LEC	EL	2	0		N	U20		0
				GEC1: A-F REQUISITE: Literature review of human health risks related to chemical exposures. A study of risk factors, types of chemical entry, effects on organs, acute and chronic effects, and measures to control exposure.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	HMT	2200	Hazardous Materials Health Effects ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	U20		0
				GEC1: A-F REQUISITE: Literature review of human health risks related to chemical exposures. A study of risk factors, types of chemical entry, effects on organs, acute and chronic effects, and measures to control exposure.									
RHE	OUC	HMT	2300	Emergency Response II ELIGIBLE GRADES: COURSE DESC:	LAB	LB	2	0		N	U20		0
				GEC1: A-F REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.									
RHE	OUC	HMT	2300	Emergency Response II ELIGIBLE GRADES: COURSE DESC:	LEC	EL	2	0		N	U20		0
				GEC1: A-F REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.									
RHE	OUC	HMT	2300	Emergency Response II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	2	0		N	U20		0
				GEC1: A-F REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.									
RHE	OUC	HMT	2400	Hazardous Materials Testing ELIGIBLE GRADES: COURSE DESC:	LEC	EL	3	0		N	U20		0
				GEC1: A-F REQUISITE: Development of an effective field sampling program for hazardous materials. Includes proper sampling procedures, use of hazardous materials testing equipment, and chemical analysis of hazardous waste materials. Students become proficient in the use of sampling equipment as well as portable and laboratory-based qualitative and quantitative analytical apparatuses used in routine and emergency situations.									
RHE	OUC	HMT	2400	Hazardous Materials Testing ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Development of an effective field sampling program for hazardous materials. Includes proper sampling procedures, use of hazardous materials testing equipment, and chemical analysis of hazardous waste materials. Students become proficient in the use of sampling equipment as well as portable and laboratory-based qualitative and quantitative analytical apparatuses used in routine and emergency situations.									
RHE	OUC	HMT	2900	Special Topics ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	99		N	U20		0
				GEC1: A-F REQUISITE: Special topics in hazardous materials. Areas include OSHA's 40-Hour Compliance Training, instrumentation, internships, co-ops, and special studies.									
RHE	OUC	HMT	2900	Special Topics ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	99		N	U20		0
				GEC1: A-F REQUISITE: Special topics in hazardous materials. Areas include OSHA's 40-Hour Compliance Training, instrumentation, internships, co-ops, and special studies.									
RHE	OUC	HST	1000	Introduction to Human Services Technology ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Comprehensive introduction to knowledge and skills required for successful human services work. Reviews the definition and basics of client care. Human service professionals serve individuals, families, groups, communities and/or other supported human services organizations. Human services basic principals and ethical standards, historical aspects, technology skills, job requirements, models of service delivery, client care, professional roles, working within delivery systems, and beginning skills in the helping processes discussed.									
RHE	OUC	HST	1200	Crisis Intervention ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Provides theoretical understanding and skill-based training in assessment and intervention strategies that are solution oriented and that may be applied to a variety of crisis situations. Trains students how to respond to crises in a variety of settings with a diverse group of clients. Also designed to help students become proficient in crisis intervention skills.									
RHE	OUC	HST	1500	Behavior Management ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Examines the application of behavior management principles and techniques used to help clients change or alleviate various human problems. Emphasis on learning to objectively describe, measure, and analyze behavioral data. Ethical issues in behavior management with clients discussed. Research, cultural differences, professional behaviors, and diversity of special populations in behavior management reviewed as well.									
RHE	OUC	HST	1650	Intervention Strategies ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: Students learn the definition and basics of human service, current issues, client service, and the helping relationship. Students practice human services intervention skills, learn information about ethical standards, historical aspects, technology skills, models of service delivery, theories of helping, special population client care in the helping processes, and practice motivational interviewing skills. Research and outcomes in intervention strategies, cultural and other diverse special populations and their differences in intervention strategies also discussed.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	HST	1700	Group Dynamics	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introductory course in group work practice that explores current theories and issues current in group dynamics. Objective is to acquire knowledge and practice skills which are necessary for group work. Emphasizes basic theory about groups and group process, demonstrates the skills necessary for effective practice, and gives the opportunity to discuss and practice these skills. Explores the history of group counseling, and current theories, principles, techniques of organization, leadership, and participation in group dynamics and processes. Actual group exercises that demonstrate the application of various theoretical models utilized. Discusses methods for implementing groups and outcome evaluation. Combines lecture and interactive learning experiences which facilitates self-awareness, group leadership, and small group participation.									
RHE	OUC	HST	1750	Chemical Dependency	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Provides a perspective of chemical dependency intervention strategies, including theories of addiction and change, self-help support movements, assessment and diagnosis, continua of clinical care, legal and ethical standards of care, and stage-based therapeutic interventions. Dynamics and mechanics of substance abuse and chemical dependency discussed. Special populations and diversities as they relate to client care highlighted. Emphasis placed on understanding evidence-based treatment practices as defined by the Substance Abuse and Mental Health Services Administration (SAMHSA) and the National Institute of Drug Abuse (NIDA).									
RHE	OUC	HST	1900	Case Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Introduction to the philosophy, goals, and methods of case management and its roles in the fields of social and protective services, mental retardation/developmental disabilities, mental health, and corrections. Trains students in the basic aspects of assisting clients in case management jobs in the social service field. Definitions, responsibilities, communication strategies, and documentation requirements of case management taught.									
RHE	OUC	HST	2900	Special Topics Human Services Technology	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC4: A-F,									
		COURSE DESC:		CR, PR Provides opportunity for students to explore topics of interest in structured courses developed as common interests arise. May be repeated.									
RHE	OUC	HST	2921	Practicum I	LEC	LE	3	0		I	U20		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		PR, F Students participate in 100 hrs of supervised field experience at local agency or institution. Provides an opportunity to gain practical training and experience under guidance and supervision of professional agency staff and a faculty person. May require a group project as a part of the 100 hour requirement to support a social service agency training module.									
RHE	OUC	HST	2921	Practicum I	PRA	PR	3	0		I	U20		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		PR, F Students participate in 100 hrs of supervised field experience at local agency or institution. Provides an opportunity to gain practical training and experience under guidance and supervision of professional agency staff and a faculty person. May require a group project as a part of the 100 hour requirement to support a social service agency training module.									
RHE	OUC	HST	2922	Practicum II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		PR, F Requires students perform 100 hours of volunteer or paid service in a helping profession social service agency or agencies with an emphasis of this second 100 hour practicum experience to be on continued skill development and broadening of experience. Students receive 2 credit hours for the 100 hours of volunteer or paid work and are expected to attend a one hour (55 minute) class per week for the total of 3 semester hours of credit.									
RHE	OUC	HST	2922	Practicum II	PRA	PR	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR,									
		COURSE DESC:		PR, F Requires students perform 100 hours of volunteer or paid service in a helping profession social service agency or agencies with an emphasis of this second 100 hour practicum experience to be on continued skill development and broadening of experience. Students receive 2 credit hours for the 100 hours of volunteer or paid work and are expected to attend a one hour (55 minute) class per week for the total of 3 semester hours of credit.									
RHE	OUC	HST	2980	Research in Human Services	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Reviews the definitions and basics of social science research. Human services professionals will be expected to conduct practice based outcome studies on evidence-based interventions in human services organizations. Students will learn about the social sciences basic principals, ethical standards, technology skills, and job requirements. Discussions of cultural, ethnic, race, and other diversities and their effect on research outcomes will be held.									
RHE	OUC	LET	1000	Introduction to Law Enforcement Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		Examines the philosophy and history of law enforcement, overview of crime and police problems, organization and jurisdiction of local, state, and federal law enforcement agencies, survey of professional career opportunities and qualifications required. Instructional goals are learner centered.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	1000	Introduction to Law Enforcement Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the philosophy and history of law enforcement, overview of crime and police problems, organization and jurisdiction of local, state, and federal law enforcement agencies, survey of professional career opportunities and qualifications required. Instructional goals are learner centered.									
RHE	OUC	LET	1050	Ethics and Legal Issues	LEC	EL	3	0	2SS	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a fundamental base of knowledge concerning contemporary law enforcement ethical and legal issues such as use of force, corruption, professional behavior, code of ethics, ethical dilemmas, and historical cases of ethical misconduct.									
RHE	OUC	LET	1050	Ethics and Legal Issues	LEC	LE	3	0	2SS	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides a fundamental base of knowledge concerning contemporary law enforcement ethical and legal issues such as use of force, corruption, professional behavior, code of ethics, ethical dilemmas, and historical cases of ethical misconduct.									
RHE	OUC	LET	1100	Police Role in Crime and Delinquency	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exposes student to the extent and distribution of crime and delinquency, with special emphasis on basic factors and conditions contributing to the problem; some case study and evaluation of community resources in prevention field and detailed review of role of school, family, religious institutions, law enforcement agencies, courts, and correctional institutions. Part law enforcement agencies play in juvenile delinquency control, organization and functions of related juvenile agencies, laws governing handling of juvenile offenders, and brief resume of juvenile court and its jurisdiction.									
RHE	OUC	LET	1100	Police Role in Crime and Delinquency	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Exposes student to the extent and distribution of crime and delinquency, with special emphasis on basic factors and conditions contributing to the problem; some case study and evaluation of community resources in prevention field and detailed review of role of school, family, religious institutions, law enforcement agencies, courts, and correctional institutions. Part law enforcement agencies play in juvenile delinquency control, organization and functions of related juvenile agencies, laws governing handling of juvenile offenders, and brief resume of juvenile court and its jurisdiction.									
RHE	OUC	LET	1200	Constitution & Criminal Law	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles that guide the constitution, criminal, and civil law from a law enforcement perspective. Lectures supplemented with in-class practical problem-solving exercises. Instructional goals are learner centered.									
RHE	OUC	LET	1200	Constitution & Criminal Law	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Principles that guide the constitution, criminal, and civil law from a law enforcement perspective. Lectures supplemented with in-class practical problem-solving exercises. Instructional goals are learner centered.									
RHE	OUC	LET	1300	Interviewing and Report Writing	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Develops knowledge and skills involved in the interviewing and interrogation process and procedures utilized by law enforcement and criminal justice professionals. Enhances students' abilities in collecting information, taking statements, writing descriptive narratives, and report preparation. Practical exercises and scenarios utilized. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of interviewing and interrogation and its application in a contemporary criminal justice system. Instructional goals are teacher-directed and learner centered.									
RHE	OUC	LET	1300	Interviewing and Report Writing	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Develops knowledge and skills involved in the interviewing and interrogation process and procedures utilized by law enforcement and criminal justice professionals. Enhances students' abilities in collecting information, taking statements, writing descriptive narratives, and report preparation. Practical exercises and scenarios utilized. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of interviewing and interrogation and its application in a contemporary criminal justice system. Instructional goals are teacher-directed and learner centered.									
RHE	OUC	LET	1350	Introduction to Corrections	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the American correctional system with particular focus on the use of imprisonment as a means of controlling criminal behavior. Examines the historical perspectives of corrections in America, provides a brief overview of alternatives to imprisonment, and analyzes different types of correctional settings and correctional clients.									
RHE	OUC	LET	1350	Introduction to Corrections	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the American correctional system with particular focus on the use of imprisonment as a means of controlling criminal behavior. Examines the historical perspectives of corrections in America, provides a brief overview of alternatives to imprisonment, and analyzes different types of correctional settings and correctional clients.									

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RHE	OUC	LET	1450	Introduction to Criminalistics and Forensic Science GEC1: A-F REQUISITE: Survey of systematic collection of evidence and potentialities with recommendations from applied science regarding criminal investigation. Includes demonstration of techniques used in processing criminal evidence and practical experience in selected crime scene processing, crime lab methods, and forensic science. Overview of actual laboratory analysis performed on physical evidence, as if submitted to a crime laboratory. Importance of maintaining the integrity of physical evidence, quantities required to conduct analysis, and how to prepare physical evidence for court presentation reviewed.	LAB	EL	3	0		N	U20		0
RHE	OUC	LET	1450	Introduction to Criminalistics and Forensic Science GEC1: A-F REQUISITE: Survey of systematic collection of evidence and potentialities with recommendations from applied science regarding criminal investigation. Includes demonstration of techniques used in processing criminal evidence and practical experience in selected crime scene processing, crime lab methods, and forensic science. Overview of actual laboratory analysis performed on physical evidence, as if submitted to a crime laboratory. Importance of maintaining the integrity of physical evidence, quantities required to conduct analysis, and how to prepare physical evidence for court presentation reviewed.	LAB	LB	3	0		N	U20		0
RHE	OUC	LET	1450	Introduction to Criminalistics and Forensic Science GEC1: A-F REQUISITE: Survey of systematic collection of evidence and potentialities with recommendations from applied science regarding criminal investigation. Includes demonstration of techniques used in processing criminal evidence and practical experience in selected crime scene processing, crime lab methods, and forensic science. Overview of actual laboratory analysis performed on physical evidence, as if submitted to a crime laboratory. Importance of maintaining the integrity of physical evidence, quantities required to conduct analysis, and how to prepare physical evidence for court presentation reviewed.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	1450	Introduction to Criminalistics and Forensic Science GEC1: A-F REQUISITE: Survey of systematic collection of evidence and potentialities with recommendations from applied science regarding criminal investigation. Includes demonstration of techniques used in processing criminal evidence and practical experience in selected crime scene processing, crime lab methods, and forensic science. Overview of actual laboratory analysis performed on physical evidence, as if submitted to a crime laboratory. Importance of maintaining the integrity of physical evidence, quantities required to conduct analysis, and how to prepare physical evidence for court presentation reviewed.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	1500	Police Operations GEC1: A-F REQUISITE: Examines the principles of the patrol function in a contemporary law enforcement organization. Topical focus is to examine the purposes, methods, techniques, and types of patrol. Provides an overview of support services, various police services and public assistance, and analysis of deployment procedures and practices as related to overall mission of police patrol. Instructional goals are teacher directed and learner centered.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	1500	Police Operations GEC1: A-F REQUISITE: Examines the principles of the patrol function in a contemporary law enforcement organization. Topical focus is to examine the purposes, methods, techniques, and types of patrol. Provides an overview of support services, various police services and public assistance, and analysis of deployment procedures and practices as related to overall mission of police patrol. Instructional goals are teacher directed and learner centered.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	1550	Management of a Correctional Crisis GEC1: A-F REQUISITE: Provides an introductory discussion of managing correctional crises including hunger strikes, prison and jail disturbances, recognizing impending crises, and general guidelines to handle each specific type of crisis.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	1550	Management of a Correctional Crisis GEC1: A-F REQUISITE: Provides an introductory discussion of managing correctional crises including hunger strikes, prison and jail disturbances, recognizing impending crises, and general guidelines to handle each specific type of crisis.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2000	Procedures, Rules, and Test of Evidence GEC1: A-F REQUISITE: LET 1200 for LET Majors Acquaints students with court system in Ohio, its functions, authority, and duties. Explains workings of all courts of record and provides description of mayor's courts which are only courts not of record in State of Ohio. Kinds and degrees of evidence. Admissibility of evidence in criminal court cases, materiality and competency of evidence. Distinction between admissions and confessions; exceptions to hearsay rule; types of evidence.	LEC	EL	3	0		N	U20		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2000	Procedures, Rules, and Test of Evidence	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LET 1200 for LET Majors									
		COURSE DESC:		Acquaints students with court system in Ohio, its functions, authority, and duties. Explains workings of all courts of record and provides description of mayor's courts which are only courts not of record in State of Ohio. Kinds and degrees of evidence. Admissibility of evidence in criminal court cases, materiality and competency of evidence. Distinction between admissions and confessions; exceptions to hearsay rule; types of evidence.									
RHE	OUC	LET	2050	Introduction to Legal Issues in Corrections	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a comprehensive discussion of the legal aspects of specific operational areas of corrections, such as prisoner rights under the constitution, health care, and right to an attorney, religion, privacy, and cruel or unusual punishment.									
RHE	OUC	LET	2050	Introduction to Legal Issues in Corrections	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a comprehensive discussion of the legal aspects of specific operational areas of corrections, such as prisoner rights under the constitution, health care, and right to an attorney, religion, privacy, and cruel or unusual punishment.									
RHE	OUC	LET	2100	Introduction to Occupational Fraud Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the major methods employees utilize to commit occupational fraud. Students learn the basic principles underlying occupational fraud including how to detect and deter fraud.									
RHE	OUC	LET	2100	Introduction to Occupational Fraud Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the major methods employees utilize to commit occupational fraud. Students learn the basic principles underlying occupational fraud including how to detect and deter fraud.									
RHE	OUC	LET	2150	Cybernetics	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the application and use of computers and/or automated systems for rapid storage and retrieval of information. Explores the types of electronic data processing systems and their compatibility with contemporary police operations. Introduction to the five Information Competency Principles to develop the skills necessary to achieve information competency. Students apply information competency to criminal justice research developing skills through library research, practice in MLA and APA documentation, and completing a research assignment 6-8 pages in length.									
RHE	OUC	LET	2150	Cybernetics	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Examines the application and use of computers and/or automated systems for rapid storage and retrieval of information. Explores the types of electronic data processing systems and their compatibility with contemporary police operations. Introduction to the five Information Competency Principles to develop the skills necessary to achieve information competency. Students apply information competency to criminal justice research developing skills through library research, practice in MLA and APA documentation, and completing a research assignment 6-8 pages in length.									
RHE	OUC	LET	2200	Court Procedures and Processes	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Case preparation, officer testimony and demeanor in court, effective preparation and presentation of criminal evidence, trial procedures, utilization of written notes, and reaction to cross examination.									
RHE	OUC	LET	2200	Court Procedures and Processes	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Case preparation, officer testimony and demeanor in court, effective preparation and presentation of criminal evidence, trial procedures, utilization of written notes, and reaction to cross examination.									
RHE	OUC	LET	2250	Correctional Management & Supervision	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a detailed discussion of management and supervision within the corrections environment, including the nature of corrections supervision, basic management functions, performance appraisals, dealing with problem employees, and decision making.									
RHE	OUC	LET	2250	Correctional Management & Supervision	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides a detailed discussion of management and supervision within the corrections environment, including the nature of corrections supervision, basic management functions, performance appraisals, dealing with problem employees, and decision making.									
RHE	OUC	LET	2300	Police Community Relations	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nature of relationships between police and various segments of community; racial and/or ethnic minorities, news media, clergy, and youth explored. Historical reasons for present dilemma and suggested changes to alleviate these problems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2300	Police Community Relations ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Nature of relationships between police and various segments of community; racial and/or ethnic minorities, news media, clergy, and youth explored. Historical reasons for present dilemma and suggested changes to alleviate these problems.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2350	Introduction to Probation and Parole ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduces the principles of probation and parole in the contemporary criminal justice system, including such topics as juvenile justice, court administration, pre-sentence investigations, theories of rehabilitation, and future issues in probation and parole.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2350	Introduction to Probation and Parole ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduces the principles of probation and parole in the contemporary criminal justice system, including such topics as juvenile justice, court administration, pre-sentence investigations, theories of rehabilitation, and future issues in probation and parole.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2400	Introduction to Computer Fraud ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduces the student to the use of computerized accounting information systems, as they relate to internal controls to detect and deter fraud. Students learn contemporary AIS systems, incorporating case studies to explore corporate governance and fraud.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2400	Introduction to Computer Fraud ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Introduces the student to the use of computerized accounting information systems, as they relate to internal controls to detect and deter fraud. Students learn contemporary AIS systems, incorporating case studies to explore corporate governance and fraud.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2450	Law Enforcement Administration and Supervision ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: LET 1000 Examines the principles of law enforcement agency administration. Organization, planning and research, management, personnel management, training, and public relations represent a partial list of administrative topics covered. Administrative functions covered include vice control, crime delinquency prevention and control, patrol, investigation, communications, statistics, and records. The role of law enforcement leadership in a contemporary law enforcement organization. The use of police promotional assessments and how to improve your performance. Instructional goals are learner centered.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2450	Law Enforcement Administration and Supervision ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: LET 1000 Examines the principles of law enforcement agency administration. Organization, planning and research, management, personnel management, training, and public relations represent a partial list of administrative topics covered. Administrative functions covered include vice control, crime delinquency prevention and control, patrol, investigation, communications, statistics, and records. The role of law enforcement leadership in a contemporary law enforcement organization. The use of police promotional assessments and how to improve your performance. Instructional goals are learner centered.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2500	Vice and Narcotic Control ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Exploration of history, identification, and effects of narcotics. Examines impact of existing narcotic and vice problems in our society, as well as intervention programs available to address these problems. Penal statutes affecting the control of narcotics and vice also studied.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2500	Vice and Narcotic Control ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Exploration of history, identification, and effects of narcotics. Examines impact of existing narcotic and vice problems in our society, as well as intervention programs available to address these problems. Penal statutes affecting the control of narcotics and vice also studied.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2600	Multicultural Policing: Cultural Perspectives in Criminal Justice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Multicultural Policing: Cultural Perspectives in Criminal Justice develops within students a broad understanding of social justice from a criminal justice construct and the appropriate response of criminal justice practitioners performing criminal justice functions in an increasingly diverse society. Students explore emerging strategies for policing in a diverse society as well as the correct police response to emergent dimensions of social or cultural diversity including the homeless, mentally ill, gangs, documented and undocumented immigrants, and multicultural issues as they relate to terrorism and homeland security. Students examine, compare, and contrast the various characteristics of emergent multicultural groups in America including their history, politics, everyday life, behaviors, religion, and predict their potential impact on criminal justice functions.	LEC	EL	3	0	2CP	N	U20		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2600	Multicultural Policing: Cultural Perspectives in Criminal Justice GEC1: A-F REQUISITE: COURSE DESC: Multicultural Policing: Cultural Perspectives in Criminal Justice develops within students a broad understanding of social justice from a criminal justice construct and the appropriate response of criminal justice practitioners performing criminal justice functions in an increasingly diverse society. Students explore emerging strategies for policing in a diverse society as well as the correct police response to emergent dimensions of social or cultural diversity including the homeless, mentally ill, gangs, documented and undocumented immigrants, and multicultural issues as they relate to terrorism and homeland security. Students examine, compare, and contrast the various characteristics of emergent multicultural groups in America including their history, politics, everyday life, behaviors, religion, and predict their potential impact on criminal justice functions.	LEC	LE	3	0	2CP	N	U20		0
RHE	OUC	LET	2650	Introduction to Criminal Investigation GEC1: A-F REQUISITE: COURSE DESC: Introduction to the fundamentals of criminal investigation; crime scene search and recording; collection and preservation of physical evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, case preparation and management. Overview of actual laboratory analysis performed on physical evidence as if collected at the crime science for submission to a crime laboratory.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2650	Introduction to Criminal Investigation GEC1: A-F REQUISITE: COURSE DESC: Introduction to the fundamentals of criminal investigation; crime scene search and recording; collection and preservation of physical evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, case preparation and management. Overview of actual laboratory analysis performed on physical evidence as if collected at the crime science for submission to a crime laboratory.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2750	Law Enforcement and the Deaf GEC1: A-F REQUISITE: COURSE DESC: Issues involved in working with a deaf victim or suspect. Covers ADA requirements for law enforcement, courts, and attorneys.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2750	Law Enforcement and the Deaf GEC1: A-F REQUISITE: COURSE DESC: Issues involved in working with a deaf victim or suspect. Covers ADA requirements for law enforcement, courts, and attorneys.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2800	Traffic Enforcement, Education, and Engineering GEC1: A-F REQUISITE: LET 1000 COURSE DESC: Examines law relating to registration of motor vehicles, driver's license; vehicle code sections most often encountered and violated, regulation and traffic control, traffic accident investigation, traffic accident report forms; types and uses in a contemporary law enforcement agency. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of traffic education, engineering and education and its application in a contemporary criminal justice system.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2800	Traffic Enforcement, Education, and Engineering GEC1: A-F REQUISITE: LET 1000 COURSE DESC: Examines law relating to registration of motor vehicles, driver's license; vehicle code sections most often encountered and violated, regulation and traffic control, traffic accident investigation, traffic accident report forms; types and uses in a contemporary law enforcement agency. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of traffic education, engineering and education and its application in a contemporary criminal justice system.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2850	Contemporary Issues in Corrections GEC1: A-F REQUISITE: COURSE DESC: Overview of the science of corrections and the contemporary issues in this field. Identifies and examines the contemporary issues that confront the field of corrections; the courts, detention, sentencing, adult institutions, and juvenile institutions as these issues impact the criminal justice system (police and the courts). Students engage in class discussions on all aspects of correctional issues. Students research issues, submit, and present reports on their findings to the class.	LEC	EL	3	0		N	U20		0
RHE	OUC	LET	2850	Contemporary Issues in Corrections GEC1: A-F REQUISITE: COURSE DESC: Overview of the science of corrections and the contemporary issues in this field. Identifies and examines the contemporary issues that confront the field of corrections; the courts, detention, sentencing, adult institutions, and juvenile institutions as these issues impact the criminal justice system (police and the courts). Students engage in class discussions on all aspects of correctional issues. Students research issues, submit, and present reports on their findings to the class.	LEC	LE	3	0		N	U20		0
RHE	OUC	LET	2900	Special Topics in Law Enforcement Technology GEC3: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U20		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2900	Special Topics in Law Enforcement Technology GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U20		0
RHE	OUC	LET	2901	Unarmed Self-Defense GEC1: A-F REQUISITE: COURSE DESC: Introduction to the principles of unarmed self-defense from the perspective of a criminal justice practitioner.	TUT	TU	1 to 3	0		N	U20		0
RHE	OUC	LET	2903	Administrative Components of Law Enforcement Technology GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the administrative components of the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of law enforcement.	LEC	EL	1 to 3	0		N	U20		0
RHE	OUC	LET	2903	Administrative Components of Law Enforcement Technology GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the administrative components of the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of law enforcement.	LEC	LE	1 to 3	0		N	U20		0
RHE	OUC	LET	2904	Human Diversity and Relations in Law Enforcement GEC1: A-F REQUISITE: COURSE DESC: Examines the special topics of human diversity and human relations within the context of its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of human relations.	LEC	EL	1 to 3	0		N	U20		0
RHE	OUC	LET	2904	Human Diversity and Relations in Law Enforcement GEC1: A-F REQUISITE: COURSE DESC: Examines the special topics of human diversity and human relations within the context of its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of human relations.	LEC	LE	1 to 3	0		N	U20		0
RHE	OUC	LET	2905	Ohio Motor Vehicle Code GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the Ohio Motor Vehicle administrative code and its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of motor vehicle enforcement.	LEC	EL	1 to 3	0		N	U20		0
RHE	OUC	LET	2905	Ohio Motor Vehicle Code GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the Ohio Motor Vehicle administrative code and its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of motor vehicle enforcement.	LEC	LE	1 to 3	0		N	U20		0
RHE	OUC	LET	2906	Preliminary Aspects of Judicial Law GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the Ohio Revised Code including civil liability and the use of force within the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of civil liability and use of force in a contemporary criminal justice system.	LEC	EL	1 to 3	0		N	U20		0
RHE	OUC	LET	2906	Preliminary Aspects of Judicial Law GEC1: A-F REQUISITE: COURSE DESC: Examines special topics within the Ohio Revised Code including civil liability and the use of force within the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of civil liability and use of force in a contemporary criminal justice system.	LEC	LE	1 to 3	0		N	U20		0
RHE	OUC	LET	2907	Procedural Research GEC1: A-F REQUISITE: COURSE DESC: Examines special research topics and their application to the criminal justice system by introducing the student to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of applied research.	LEC	EL	1 to 3	0		N	U20		0
RHE	OUC	LET	2907	Procedural Research GEC1: A-F REQUISITE: COURSE DESC: Examines special research topics and their application to the criminal justice system by introducing the student to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of applied research.	LEC	LE	1 to 3	0		N	U20		0

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RHE	OUC	LET	2908	Terrorism and Homeland Security	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the basic principles of terrorism and homeland security as they apply in today's global environment. Explores the various definitions of terrorism, varieties of terrorism, rise of religious fundamentalism as a basis for terrorism, contemporary terrorist threats, and principles of emergency response to terrorist incidents.									
RHE	OUC	LET	2908	Terrorism and Homeland Security	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the basic principles of terrorism and homeland security as they apply in today's global environment. Explores the various definitions of terrorism, varieties of terrorism, rise of religious fundamentalism as a basis for terrorism, contemporary terrorist threats, and principles of emergency response to terrorist incidents.									
RHE	OUC	LET	2910	Internship in Criminal Justice	INT	EL	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides an opportunity to develop and apply core law enforcement competencies, skills, abilities, and knowledge through practical work experiences within a law enforcement organization.									
RHE	OUC	LET	2910	Internship in Criminal Justice	INT	IN	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Provides an opportunity to develop and apply core law enforcement competencies, skills, abilities, and knowledge through practical work experiences within a law enforcement organization.									
RHE	OUC	LET	3500	Criminalistics and Criminal Investigation for Forensic Chemists	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	3500	Criminalistics and Criminal Investigation for Forensic Chemists	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	3500	Criminalistics and Criminal Investigation for Forensic Chemists	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	3550	Criminal Justice Research Methods	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines criminal justice research methodology, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Develops knowledge of Internet surveys, research ethics, research methodology and design, and data analysis.									
RHE	OUC	LET	3550	Criminal Justice Research Methods	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines criminal justice research methodology, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Develops knowledge of Internet surveys, research ethics, research methodology and design, and data analysis.									
RHE	OUC	LET	3555	Quantitative Applications in Criminal Justice Research	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: not COMS 3520 or PSY 2110 or MATH 2500 Examine quantitative applications in criminal justice research. Introduces the student to the use of statistical inferences and tests of significance to answer criminal justice research questions. Explore the application of multivariate statistics from a criminal justice construct. Develop a working knowledge of statistical research applications such as SPSS in social research problems.									
RHE	OUC	LET	3555	Quantitative Applications in Criminal Justice Research	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: not COMS 3520 or PSY 2110 or MATH 2500 Examine quantitative applications in criminal justice research. Introduces the student to the use of statistical inferences and tests of significance to answer criminal justice research questions. Explore the application of multivariate statistics from a criminal justice construct. Develop a working knowledge of statistical research applications such as SPSS in social research problems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	3600	Chemistry and the Law	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	3600	Chemistry and the Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	4900	Special Topics in Law Enforcement Technology	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUC	LET	4900	Special Topics in Law Enforcement Technology	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUC	LET	5500	Criminalistics and Criminal Investigation for Forensic Chemists	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5500	Criminalistics and Criminal Investigation for Forensic Chemists	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5500	Criminalistics and Criminal Investigation for Forensic Chemists	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5600	Chemistry and the Law	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	5600	Chemistry and the Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	OAT	1010	Fundamentals of Information Technologies	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the fundamentals of computers with an emphasis on computer literacy. Topics include: history of computers, computer components, Internet and Web 2.0, computer security, ethics, and privacy, computer careers and certification, and electronic files management.									
RHE	OUC	OAT	1010	Fundamentals of Information Technologies	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to the fundamentals of computers with an emphasis on computer literacy. Topics include: history of computers, computer components, Internet and Web 2.0, computer security, ethics, and privacy, computer careers and certification, and electronic files management.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	OAT	1210	Keyboarding I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to touch keyboarding using a personal computer with emphasis on keyboard mastery, correct technique, and body position. Technique will be developed using straight copy, typical business correspondence, tabulation, and reports.									
RHE	OUC	OAT	1210	Keyboarding I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to touch keyboarding using a personal computer with emphasis on keyboard mastery, correct technique, and body position. Technique will be developed using straight copy, typical business correspondence, tabulation, and reports.									
RHE	OUC	OAT	1220	Keyboarding II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				OTEC 1210 or 121 Touch keyboarding and document processing using a personal computer with emphasis on keyboarding mastery, building speed and improving accuracy. Production work involves creation of reports, correspondence, and business forms using various methods.									
RHE	OUC	OAT	1220	Keyboarding II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				OTEC 1210 or 121 Touch keyboarding and document processing using a personal computer with emphasis on keyboarding mastery, building speed and improving accuracy. Production work involves creation of reports, correspondence, and business forms using various methods.									
RHE	OUC	OAT	1420	Medical Terminology for Administrative Professionals	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the structure and usage of medical words and terms as related to medical billing and coding. Emphasis on spelling and defining commonly used medical terminology including prefixes, suffixes, root words, plural forms, special endings, abbreviations, symbols, and their combining forms.									
RHE	OUC	OAT	1420	Medical Terminology for Administrative Professionals	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the structure and usage of medical words and terms as related to medical billing and coding. Emphasis on spelling and defining commonly used medical terminology including prefixes, suffixes, root words, plural forms, special endings, abbreviations, symbols, and their combining forms.									
RHE	OUC	OAT	1430	Legal Terminology	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the structure and usage of legal words and terms as related to legal assisting and paralegal studies. Emphasis on spelling and defining commonly used legal terminology including prefixes, suffixes, root words, plural forms, special endings, abbreviations, symbols, and their combining forms.									
RHE	OUC	OAT	1430	Legal Terminology	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the structure and usage of legal words and terms as related to legal assisting and paralegal studies. Emphasis on spelling and defining commonly used legal terminology including prefixes, suffixes, root words, plural forms, special endings, abbreviations, symbols, and their combining forms.									
RHE	OUC	OAT	1710	Administrative Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in an office environment. General office routines including roles and responsibilities introduced as well as discussion of electronic and paper file systems.									
RHE	OUC	OAT	1710	Administrative Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in an office environment. General office routines including roles and responsibilities introduced as well as discussion of electronic and paper file systems.									
RHE	OUC	OAT	1720	Medical Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a medical office. Instruction on general medical office routines including roles and responsibilities as well as electronic and paper file systems are utilized.									
RHE	OUC	OAT	1720	Medical Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a medical office. Instruction on general medical office routines including roles and responsibilities as well as electronic and paper file systems are utilized.									
RHE	OUC	OAT	1730	Legal Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a legal office. Instruction on general law office routines including roles and responsibilities as well as electronic and paper file systems utilized.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	OAT	1730	Legal Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a legal office. Instruction on general law office routines including roles and responsibilities as well as electronic and paper file systems utilized.									
RHE	OUC	OAT	1890	Independent Study	LEC	EL	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Studies in selected subject areas related to office technology under the direction of a faculty member. May be repeated up to 5 credit hours.									
RHE	OUC	OAT	1890	Independent Study	LEC	LE	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Permission required Studies in selected subject areas related to office technology under the direction of a faculty member. May be repeated up to 5 credit hours.									
RHE	OUC	OAT	2000	Desktop Publishing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 recommended Development of skills in desktop publishing applications with emphasis on web page design, graphics, and publishing information. Preparation of newsletters, brochures, photos, web pages, and catalogs of professional quality.									
RHE	OUC	OAT	2000	Desktop Publishing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 recommended Development of skills in desktop publishing applications with emphasis on web page design, graphics, and publishing information. Preparation of newsletters, brochures, photos, web pages, and catalogs of professional quality.									
RHE	OUC	OAT	2210	Dictation and Transcription	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 or 121 Development of machine transcription skills from taped dictation and various other methods of recording. Topics focus on transcribing materials into mailable copy using current word processing software with an emphasis on grammar, punctuation, proofreading, and formatting skills .									
RHE	OUC	OAT	2210	Dictation and Transcription	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 or 121 Development of machine transcription skills from taped dictation and various other methods of recording. Topics focus on transcribing materials into mailable copy using current word processing software with an emphasis on grammar, punctuation, proofreading, and formatting skills .									
RHE	OUC	OAT	2250	Applications in Word Processing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 recommended Introduction to software applications in word processing with emphasis on professional communications.									
RHE	OUC	OAT	2250	Applications in Word Processing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		OTEC 1210 recommended Introduction to software applications in word processing with emphasis on professional communications.									
RHE	OUC	OAT	2260	Applications in Spreadsheets	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in spreadsheets with emphasis on professional communications.									
RHE	OUC	OAT	2260	Applications in Spreadsheets	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in spreadsheets with emphasis on professional communications.									
RHE	OUC	OAT	2270	Applications in Presentations	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in presentations with emphasis on professional communications.									
RHE	OUC	OAT	2270	Applications in Presentations	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in presentations with emphasis on professional communications.									
RHE	OUC	OAT	2280	Applications in Databases	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in databases with emphasis on professional communications.									
RHE	OUC	OAT	2280	Applications in Databases	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in databases with emphasis on professional communications.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	OAT	2300	Business Communications	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Offers extensive and detailed practice in written communications for business, industry, and professions. Creation of a variety of business forms including email, letters, memoranda, and reports. Emphasis placed on spelling, word usage, and grammar skills.									
RHE	OUC	OAT	2300	Business Communications	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Offers extensive and detailed practice in written communications for business, industry, and professions. Creation of a variety of business forms including email, letters, memoranda, and reports. Emphasis placed on spelling, word usage, and grammar skills.									
RHE	OUC	OAT	2310	Business Calculations	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Math D004 or Math D005 or Tier 1 Math or Math placement 1 or higher Emphasizes practical mathematical calculations typical of a business situation. Concentration on problem-solving techniques necessary to perform calculations accurately and efficiently.									
RHE	OUC	OAT	2310	Business Calculations	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Math D004 or Math D005 or Tier 1 Math or Math placement 1 or higher Emphasizes practical mathematical calculations typical of a business situation. Concentration on problem-solving techniques necessary to perform calculations accurately and efficiently.									
RHE	OUC	OAT	2400	Medical Coding I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to medical insurance coding for an administrative assistant in a medical office setting; emphasis on ICD 9, CPT coding and HIPAA.									
RHE	OUC	OAT	2400	Medical Coding I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to medical insurance coding for an administrative assistant in a medical office setting; emphasis on ICD 9, CPT coding and HIPAA.									
RHE	OUC	OAT	2401	Medical Coding II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				OTEC 2400 or 121 Advanced instruction in medical insurance coding for an administrative assistant in a medical office setting; emphasis on ICD/CPT coding, HIPAA regulations, and CPC certification.									
RHE	OUC	OAT	2401	Medical Coding II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				OTEC 2400 or 121 Advanced instruction in medical insurance coding for an administrative assistant in a medical office setting; emphasis on ICD/CPT coding, HIPAA regulations, and CPC certification.									
RHE	OUC	OAT	2403	Medical Applications	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Experience in the use of electronic health records software applications with emphasis on standards, medical databases, patient charting, customization of templates, billing and coding, collections, claims, HIPAA legislation, and clinical tools.									
RHE	OUC	OAT	2403	Medical Applications	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Experience in the use of electronic health records software applications with emphasis on standards, medical databases, patient charting, customization of templates, billing and coding, collections, claims, HIPAA legislation, and clinical tools.									
RHE	OUC	OAT	2404	Health and Safety in the Medical Office	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Essentials of working as an administrative assistant in a medical office with a special emphasis on clinical techniques.									
RHE	OUC	OAT	2404	Health and Safety in the Medical Office	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Essentials of working as an administrative assistant in a medical office with a special emphasis on clinical techniques.									
RHE	OUC	OAT	2580	Time Management	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Development of time management skills with emphasis on managing multiple priorities/multitasking using software organizational tools and methods. Stress management and the implications of time in its relationship to stress discussed.									
RHE	OUC	OAT	2580	Time Management	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Development of time management skills with emphasis on managing multiple priorities/multitasking using software organizational tools and methods. Stress management and the implications of time in its relationship to stress discussed.									
RHE	OUC	OAT	2630	Introduction to Paralegal Studies	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Broad-based foundation in legal studies and business as it relates to the paralegal in a law office environment. Emphasis placed on legal documentation, terminology, records, research, correspondence, communication, and technical skill requirements. Information needed for CLA (Certified Legal Assistant) and CP (Certified Paralegal) certification provided.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	OAT	2630	Introduction to Paralegal Studies	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Broad-based foundation in legal studies and business as it relates to the paralegal in a law office environment. Emphasis placed on legal documentation, terminology, records, research, correspondence, communication, and technical skill requirements. Information needed for CLA (Certified Legal Assistant) and CP (Certified Paralegal) certification provided.									
RHE	OUC	OAT	2670	Office Supervision	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Involves principles and practices of management flow of information within an enterprise. Includes basic management and supervisory functions including planning, controlling, organizing, and leading as applied to office services, physical facilities, systems and procedures, work measurement and standards, and business information systems. Emphasis on matters of personnel as related to the administrative assistant.									
RHE	OUC	OAT	2670	Office Supervision	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Involves principles and practices of management flow of information within an enterprise. Includes basic management and supervisory functions including planning, controlling, organizing, and leading as applied to office services, physical facilities, systems and procedures, work measurement and standards, and business information systems. Emphasis on matters of personnel as related to the administrative assistant.									
RHE	OUC	OAT	2680	Information Systems Design	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Effective use of management techniques and equipment in meeting informational needs of business and industry via process documentation (technical writing), feasibility studies, and workflow diagramming. Emphasis on designing ergonomic office spaces utilizing process flow and design applications.									
RHE	OUC	OAT	2680	Information Systems Design	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Effective use of management techniques and equipment in meeting informational needs of business and industry via process documentation (technical writing), feasibility studies, and workflow diagramming. Emphasis on designing ergonomic office spaces utilizing process flow and design applications.									
RHE	OUC	OAT	2681	Introduction to Business Analysis	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to business analysis including obtaining/documenting processes, writing requirements, and identifying entities and attributes. Various roles of the business analyst researched and defined.									
RHE	OUC	OAT	2681	Introduction to Business Analysis	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to business analysis including obtaining/documenting processes, writing requirements, and identifying entities and attributes. Various roles of the business analyst researched and defined.									
RHE	OUC	OAT	2682	Technical Business Writing	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Development of specialized business writing skills with an emphasis on technical documents and graphics used to communicate directions, instructions, reports, proposals, processes, and other business forms.									
RHE	OUC	OAT	2682	Technical Business Writing	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Development of specialized business writing skills with an emphasis on technical documents and graphics used to communicate directions, instructions, reports, proposals, processes, and other business forms.									
RHE	OUC	OAT	2683	Applications in Project Management	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to essential elements of project management for the business analyst via application software. Emphasis placed on managing resources such as people, budgets, equipment, and time utilizing reporting tools invaluable for planning small and large projects.									
RHE	OUC	OAT	2683	Applications in Project Management	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to essential elements of project management for the business analyst via application software. Emphasis placed on managing resources such as people, budgets, equipment, and time utilizing reporting tools invaluable for planning small and large projects.									
RHE	OUC	OAT	2800	Seminar	LEC	EL	1 to 2	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special topics and problems encountered in field experience discussed. Advancements in technology and applications addressed as needed. Career opportunities, ideas, and experiences shared to find possible answers to questions arising in actual work situations. Preservation of program coursework (artifacts) as evidence of learned skills may be required. May be taught in two separate entry and exit formats.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	OAT	2800	Seminar	LEC	LE	1 to 2	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Special topics and problems encountered in field experience discussed. Advancements in technology and applications addressed as needed. Career opportunities, ideas, and experiences shared to find possible answers to questions arising in actual work situations. Preservation of program coursework (artifacts) as evidence of learned skills may be required. May be taught in two separate entry and exit formats.									
RHE	OUC	OAT	2900	Special Topics	LEC	EL	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Various projects and topics concerning information technology and the administrative assistant will be determined and discussed.									
RHE	OUC	OAT	2900	Special Topics	LEC	LE	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Various projects and topics concerning information technology and the administrative assistant will be determined and discussed.									
RHE	OUC	OAT	2910	Internship	INT	IN	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Integrate career related experiences into an undergraduate education by participating in planned, supervised work. Preparation to make important career choices and gain field experience in a work setting or in-class office simulation.									
RHE	OUC	OAT	2920	Practicum	PRA	EL	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Mentoring experiences in areas such as data processing labs or centers and/or administrative assistant settings. Responsibilities include assisting processing trainees, demonstrating equipment to classes/visitors, producing complex documents, designing forms, and learning/developing new systems.									
RHE	OUC	OAT	2920	Practicum	PRA	PR	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Mentoring experiences in areas such as data processing labs or centers and/or administrative assistant settings. Responsibilities include assisting processing trainees, demonstrating equipment to classes/visitors, producing complex documents, designing forms, and learning/developing new systems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	ATCH	1030	Financial Accounting Procedures	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamental accounting principles for service businesses and merchandising enterprises. Topics include the accounting cycle, financial statement preparation, and financial statement analysis. Analyzes the components of asset, liability and equity accounts. Covers the income statement, balance sheet, owner's equity statement and cash flow statement.									
RHE	OUL	ATCH	1030	Financial Accounting Procedures	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Fundamental accounting principles for service businesses and merchandising enterprises. Topics include the accounting cycle, financial statement preparation, and financial statement analysis. Analyzes the components of asset, liability and equity accounts. Covers the income statement, balance sheet, owner's equity statement and cash flow statement.									
RHE	OUL	ATCH	1040	Managerial Accounting Procedures	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1030									
		COURSE DESC:		Accounting procedures for managerial accounting including job/process costing, cost behavior, budgeting, performance evaluation, differential analysis and capital investment.									
RHE	OUL	ATCH	1040	Managerial Accounting Procedures	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1030									
		COURSE DESC:		Accounting procedures for managerial accounting including job/process costing, cost behavior, budgeting, performance evaluation, differential analysis and capital investment.									
RHE	OUL	ATCH	2030	Tax and Governmental Reporting Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1030									
		COURSE DESC:		Consideration of data sources, forms, and filing requirements for payroll taxes, income taxes, withholding taxes, FICA, sales taxes, unemployment reports, and a wide variety of other specialized local, state, and federally required reports and procedures.									
RHE	OUL	ATCH	2030	Tax and Governmental Reporting Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1030									
		COURSE DESC:		Consideration of data sources, forms, and filing requirements for payroll taxes, income taxes, withholding taxes, FICA, sales taxes, unemployment reports, and a wide variety of other specialized local, state, and federally required reports and procedures.									
RHE	OUL	ATCH	2040	Electronic Data Processing Accounting Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1040 and MATH 1200 and (BMT 2000 or CTCH 1250 or MIS 2011)									
		COURSE DESC:		Use of computers to perform both specialized and routine accounting functions. An integrated accounting program and an electronic spreadsheet program are used.									
RHE	OUL	ATCH	2040	Electronic Data Processing Accounting Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1040 and MATH 1200 and (BMT 2000 or CTCH 1250 or MIS 2011)									
		COURSE DESC:		Use of computers to perform both specialized and routine accounting functions. An integrated accounting program and an electronic spreadsheet program are used.									
RHE	OUL	ATCH	2050	Manufacturing Accounting	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ACCT 1020 or ATCH 1040) and MATH 1200									
		COURSE DESC:		Study of cost behavior; data collection procedures and reports for manufacturing firms, job order costs; process costs; standard costs; overhead allocation methods.									
RHE	OUL	ATCH	2050	Manufacturing Accounting	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ACCT 1020 or ATCH 1040) and MATH 1200									
		COURSE DESC:		Study of cost behavior; data collection procedures and reports for manufacturing firms, job order costs; process costs; standard costs; overhead allocation methods.									
RHE	OUL	ATCH	2090	Business Statistics	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic statistics, demonstrated and developed through problems typical of actual business situations. Procedures and applications of statistical analysis and inference as they relate to business activity.									
RHE	OUL	ATCH	2090	Business Statistics	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic statistics, demonstrated and developed through problems typical of actual business situations. Procedures and applications of statistical analysis and inference as they relate to business activity.									
RHE	OUL	ATCH	2250	Federal Income Tax Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 2030									
		COURSE DESC:		Comprehensive course in fundamentals of federal income taxation and preparation of individual, partnership, and corporation tax returns.									
RHE	OUL	ATCH	2250	Federal Income Tax Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 2030									
		COURSE DESC:		Comprehensive course in fundamentals of federal income taxation and preparation of individual, partnership, and corporation tax returns.									
RHE	OUL	ATCH	2330	Accounting Information Systems	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 or ATCH 1030									
		COURSE DESC:		Fundamental accounting principles and practices using data accumulation and working paper techniques employed by professional accountants in reporting on merchandising, manufacturing, and service companies. Application of generally accepted accounting principles to preparation of general purpose financial statements for internal and external use. Accounting software emphasized.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	ATCH	2330	Accounting Information Systems	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ACCT 1010 or ATCH 1030									
		COURSE DESC:		Fundamental accounting principles and practices using data accumulation and working paper techniques employed by professional accountants in reporting on merchandising, manufacturing, and service companies. Application of generally accepted accounting principles to preparation of general purpose financial statements for internal and external use. Accounting software emphasized.									
RHE	OUL	ATCH	2410	Auditing Procedures	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 2250									
		COURSE DESC:		Study of purposes and scope of audits including audit objectives, professional ethics, audit files and working papers, legal responsibilities, internal control, tests of transactions, audit procedures and disclosure requirements, and preparation of audit reports.									
RHE	OUL	ATCH	2410	Auditing Procedures	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 2250									
		COURSE DESC:		Study of purposes and scope of audits including audit objectives, professional ethics, audit files and working papers, legal responsibilities, internal control, tests of transactions, audit procedures and disclosure requirements, and preparation of audit reports.									
RHE	OUL	ATCH	2900	Special Topics in Accounting Technology	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
RHE	OUL	ATCH	2900	Special Topics in Accounting Technology	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
RHE	OUL	ATCH	2990	Independent Study	LEC	EL	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Supervised independent study projects in accounting technology.									
RHE	OUL	ATCH	2990	Independent Study	LEC	LE	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Supervised independent study projects in accounting technology.									
RHE	OUL	BMT	1010	Business and Its Environment	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Nature of business and of economic, social, and political environments of business firms. Emphasis on ways in which such surroundings affect business policies and operations.									
RHE	OUL	BMT	1100	Introduction to Management	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Nature of managerial concepts, managerial functions, and organizational structure, with emphasis on current issues.									
RHE	OUL	BMT	1150	Foundations of Quality and Continuous Improvement	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BMT 1100 is recommended									
		COURSE DESC:		History of the quality movement along with the current thinking and best practices for organization effectiveness. The quality of management and its responsibilities for overall effectiveness emphasized including process improvement and use of quality tools.									
RHE	OUL	BMT	1200	Mathematics in Business	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1101 or Math Placement Level 1 or higher									
		COURSE DESC:		Application of basic math to business problems. Special emphasis on compound interest, installment buying, and depreciation. Elementary applications of probabilities and statistics. Introduction to computer programs commonly used in business math applications.									
RHE	OUL	BMT	1400	Concepts of Marketing	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to problems of manufacturers, wholesalers, and retailers as they relate to modern marketing, market, and product.									
RHE	OUL	BMT	1500	Elements of Supervision	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Concepts of modern-day supervision. Emphasis on supervisor's major functions and development of sensitivity to human facets in management and application of effective supervisor practices.									

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RHE	OUL	BMT	1700	Small Business Operations	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BMT 1100 and BMT 1400 are RECOMMENDED									
		COURSE DESC:		Includes preparation of student for selection and operation of small business. Balanced program of all major aspects confronting small business operator, including finance, personnel, sales, success and failure factors, and business planning activities.									
RHE	OUL	BMT	1700	Small Business Operations	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BMT 1100 and BMT 1400 are RECOMMENDED									
		COURSE DESC:		Includes preparation of student for selection and operation of small business. Balanced program of all major aspects confronting small business operator, including finance, personnel, sales, success and failure factors, and business planning activities.									
RHE	OUL	BMT	1800	Women in Management and Leadership	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Explores the management issues related to women in leadership positions. Case studies, discussion, business research, and project based activities used to deliver course content.									
RHE	OUL	BMT	1890	Independent Study	LEC	EL	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Projects concerning business management or technology explored with instructor in classroom, teams or one-to-one. Studies selected in subject areas in business field.									
RHE	OUL	BMT	1890	Independent Study	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Projects concerning business management or technology explored with instructor in classroom, teams or one-to-one. Studies selected in subject areas in business field.									
RHE	OUL	BMT	2000	Introduction to Business Computing	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Focuses on PC-based applications used in business and industry, such as word processing, spreadsheets, databases, and presentation packages including web applications. Computer lab setting.									
RHE	OUL	BMT	2030	Business Career Profiles	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Exploration of career opportunities by examining industries, business sectors, organizations, and management positions. Opportunities to achieve a better grasp of the various activities and institutions found in the business community; expectations of organizations.									
RHE	OUL	BMT	2100	Managing Finance in Business	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ATCH 1030 and 1040									
		COURSE DESC:		Introduction to basic concepts, principles, and analytical techniques of financing. Emphasis on planning and managing assets.									
RHE	OUL	BMT	2200	Concepts of Purchasing Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Analysis of purchasing operation's structure and procedure. Descriptions of quality, quantity, value analysis, sources of supply, and procurement controls. Vendor/buyer relationships, make-or-buy decisions, inventory control, buyer training, materials handling, records, and budgets.									
RHE	OUL	BMT	2300	Concepts of Sales	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Policies and procedures pertaining to planning sales effort and control of sales operations. Professional selling strategies and approaches as related to business to business selling.									
RHE	OUL	BMT	2300	Concepts of Sales	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Policies and procedures pertaining to planning sales effort and control of sales operations. Professional selling strategies and approaches as related to business to business selling.									
RHE	OUL	BMT	2350	Basic Retailing Service Marketing and Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Review of fundamental service marketing and management strategies and activities.									
RHE	OUL	BMT	2350	Basic Retailing Service Marketing and Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Review of fundamental service marketing and management strategies and activities.									
RHE	OUL	BMT	2400	Concepts of Audience Analysis	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not Business Administration major									
		COURSE DESC:		Development of knowledge of behavior content of marketing in consumer fields. Examination of applicable theory and research findings and concepts provided by psychology, sociology, anthropology, and marketing. Stress on conceptual models of buyer behavior based on sources of influence.									

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RHE	OUL	BMT	2400	Concepts of Audience Analysis	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Not Business Administration major									
				Development of knowledge of behavior content of marketing in consumer fields. Examination of applicable theory and research findings and concepts provided by psychology, sociology, anthropology, and marketing. Stress on conceptual models of buyer behavior based on sources of influence.									
RHE	OUL	BMT	2500	Practical Personnel Procedures	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Hiring, training, assignment of work, performance evaluations, employee career development, wage and salary administration, EEO and legal environment of human resources. Leadership, motivation, and direction of employees toward management/employee-oriented goals.									
RHE	OUL	BMT	2500	Practical Personnel Procedures	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Hiring, training, assignment of work, performance evaluations, employee career development, wage and salary administration, EEO and legal environment of human resources. Leadership, motivation, and direction of employees toward management/employee-oriented goals.									
RHE	OUL	BMT	2550	Visual Merchandising in Retail and Service Organizations	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BMT 2350									
				Examines how visual merchandising integrates in retail strategies and sales promotion.									
RHE	OUL	BMT	2600	Business Report Writing	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Tier I English and not Business Administration major									
				Practice in planning and writing effective business letters, memoranda, and reports.									
RHE	OUL	BMT	2700	Advertising Concepts	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				General course in advertising which emphasizes psychology, advertising agency, media research, brands, and labels.									
RHE	OUL	BMT	2700	Advertising Concepts	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				General course in advertising which emphasizes psychology, advertising agency, media research, brands, and labels.									
RHE	OUL	BMT	2750	Managerial Planning	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BMT 2000 or CTCH 1250 or OTEC 2300									
				In-depth coverage of the planning process with emphasis on strategic planning. Case study and project based approach employed to develop skill in complex and difficult decision making. Applications in management science to assist in the decision process covered.									
RHE	OUL	BMT	2800	Concepts of Labor and Management Relations	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Broad overview of micro and macroeconomic theory as applied to the labor factor of production; the many problems related to the full utilization of human resources and government policies addressing these problems; the effects of unionism and labor-management relations including collective bargaining.									
RHE	OUL	BMT	2850	Government and Business	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Business and government relations, with emphasis on analysis of selected areas involving public policy and business.									
RHE	OUL	BMT	2880	Computer Applications for Management	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: BMT 2750									
				Utilizes integrated software package skills acquired in BMT 2000 as well as a comprehensive case-studies approach in business analysis. Spreadsheet, data base management, word processing, and graphics applications used to create comprehensive business report or application project that ties together overall curriculum.									
RHE	OUL	BMT	2890	Special Topics	LEC	EL	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Advanced projects concerning business management explored with instructor in classroom, teams or one-to-one. For advanced students only.									
RHE	OUL	BMT	2890	Special Topics	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Advanced projects concerning business management explored with instructor in classroom, teams or one-to-one. For advanced students only.									
RHE	OUL	BMT	2900	Special Topics in Business Management Technology	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE: CR									
				Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	BMT	2900	Special Topics in Business Management Technology	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	CTCH	1250	Introduction to Computers	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: not BMT 2000									
		COURSE DESC:		Introduces productivity software within the framework of business applications. Involves hands-on assignments including operating systems, word processing, spreadsheets, presentation graphics, the Internet, and email.									
RHE	OUL	CTCH	1250	Introduction to Computers	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: not BMT 2000									
		COURSE DESC:		Introduces productivity software within the framework of business applications. Involves hands-on assignments including operating systems, word processing, spreadsheets, presentation graphics, the Internet, and email.									
RHE	OUL	CTCH	1270	Introduction to Website Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to Website management principles, skills, techniques, strategies, hardware, and software necessary to operate and maintain a successful Website or Intranet. Emphasis on how to maximize the usability of a website while maintaining the structure necessary to allow the site to change and grow.									
RHE	OUL	CTCH	1270	Introduction to Website Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to Website management principles, skills, techniques, strategies, hardware, and software necessary to operate and maintain a successful Website or Intranet. Emphasis on how to maximize the usability of a website while maintaining the structure necessary to allow the site to change and grow.									
RHE	OUL	CTCH	1300	Technologies for Project Planning and Communication	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BMT 2000 or CTCH 1250									
		COURSE DESC:		A hands-on approach to the use of computer tools to support activities in project communication including event planning, personnel record keeping and scheduling. Uses project management and database software applications to plan, design, track and analyze data and activity. Preparation of e-portfolio and posting to the Internet.									
RHE	OUL	CTCH	1300	Technologies for Project Planning and Communication	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BMT 2000 or CTCH 1250									
		COURSE DESC:		A hands-on approach to the use of computer tools to support activities in project communication including event planning, personnel record keeping and scheduling. Uses project management and database software applications to plan, design, track and analyze data and activity. Preparation of e-portfolio and posting to the Internet.									
RHE	OUL	CTCH	1330	Introduction to Computer Programming	LAB	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2									
		COURSE DESC:		Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	CTCH	1330	Introduction to Computer Programming	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2									
		COURSE DESC:		Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	CTCH	1330	Introduction to Computer Programming	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2									
		COURSE DESC:		Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	CTCH	1330	Introduction to Computer Programming	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2									
		COURSE DESC:		Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	CTCH	1600	Network Concepts I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or Math Placement Level 1 or higher and WARNING: Not CTCH 1891									
		COURSE DESC:		Explores concepts and principles of business data communications. Topics include communication media and equipment, data transmission, protocols, networks, and network management.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	CTCH	1600	Network Concepts I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in MATH D005 or Math Placement Level 1 or higher and WARNING: Not CTCH 1891 Explores concepts and principles of business data communications. Topics include communication media and equipment, data transmission, protocols, networks, and network management.									
RHE	OUL	CTCH	1610	Network Concepts II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CTCH 1600 or 1891) Explores concepts and principles of computer networks. Topics include uses of computer networks, network basics, building a network, network management, and network security.									
RHE	OUL	CTCH	1610	Network Concepts II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in (CTCH 1600 or 1891) Explores concepts and principles of computer networks. Topics include uses of computer networks, network basics, building a network, network management, and network security.									
RHE	OUL	CTCH	1620	Network Systems I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1610 Explores concepts and principles of client server systems. Topics include introduction to client server computing, how to build a client server system, and client server management.									
RHE	OUL	CTCH	1620	Network Systems I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1610 Explores concepts and principles of client server systems. Topics include introduction to client server computing, how to build a client server system, and client server management.									
RHE	OUL	CTCH	1630	Network Systems II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1620 Explores concepts and principles of WAN and Internet. Topics include the standards, technologies, infrastructure, protocols, management, and security of WAN and Internet.									
RHE	OUL	CTCH	1630	Network Systems II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1620 Explores concepts and principles of WAN and Internet. Topics include the standards, technologies, infrastructure, protocols, management, and security of WAN and Internet.									
RHE	OUL	CTCH	1710	Social Media Content Creation	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Social Media Content Creation focuses primarily on content creation and maintenance, in both traditional and anonymous platforms, applicable to several social media outlets with a focus on educational and business creation and benefit.									
				Students learn about a variety of social media platforms, the transmission of content within, and potential outlets for content creation, along with applicability in educational, professional, and personal scenarios.									
				Students explore the social media and content transmission business models, the cost of content creation in relation to and comparison with benefits, and new and emerging social media outlets and avenues for content creation within social media.									
RHE	OUL	CTCH	1801	Introduction to Microsoft Word	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Students learn the basics of creating and editing a basic word processing document using Microsoft Word. Techniques covered include page formatting such as setting margins and controlling layout, formatting text with color and font choice, paragraph formatting with spacing and justification, and use of graphics such as pictures and clipart.									
RHE	OUL	CTCH	1801	Introduction to Microsoft Word	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Students learn the basics of creating and editing a basic word processing document using Microsoft Word. Techniques covered include page formatting such as setting margins and controlling layout, formatting text with color and font choice, paragraph formatting with spacing and justification, and use of graphics such as pictures and clipart.									
RHE	OUL	CTCH	1802	Intermediate Microsoft Word	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to create complex documents in Microsoft Word.									
RHE	OUL	CTCH	1802	Intermediate Microsoft Word	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to create complex documents in Microsoft Word.									
RHE	OUL	CTCH	1803	Advanced Microsoft Word	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to complete advanced techniques in Microsoft Word including form creation, collaboration techniques, advanced graphics, and customization of the Word interface.									
RHE	OUL	CTCH	1803	Advanced Microsoft Word	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to complete advanced techniques in Microsoft Word including form creation, collaboration techniques, advanced graphics, and customization of the Word interface.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	CTCH	1804	Introduction to Microsoft Excel	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for CTCH 1250 or BMT 2000							
		COURSE DESC:		Gives the student the necessary skills to create, edit, format, and print basic spreadsheets using Microsoft Excel									
RHE	OUL	CTCH	1804	Introduction to Microsoft Excel	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for CTCH 1250 or BMT 2000							
		COURSE DESC:		Gives the student the necessary skills to create, edit, format, and print basic spreadsheets using Microsoft Excel									
RHE	OUL	CTCH	1805	Intermediate Microsoft Excel	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Builds on the basic skills required in MS Excel and expands the student's ability to use templates, customized charts and graphics, and use formulas.									
RHE	OUL	CTCH	1805	Intermediate Microsoft Excel	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Builds on the basic skills required in MS Excel and expands the student's ability to use templates, customized charts and graphics, and use formulas.									
RHE	OUL	CTCH	1806	Advanced Microsoft Excel	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Presents the experienced Microsoft Office Excel user with advanced skills.									
RHE	OUL	CTCH	1806	Advanced Microsoft Excel	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Presents the experienced Microsoft Office Excel user with advanced skills.									
RHE	OUL	CTCH	1807	Introduction to Microsoft Access	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Presents the skills needed to create a basic database using Microsoft Access									
RHE	OUL	CTCH	1807	Introduction to Microsoft Access	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Presents the skills needed to create a basic database using Microsoft Access									
RHE	OUL	CTCH	1808	Intermediate Microsoft Access	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces the student to intermediate skills in using Microsoft Access, including the design of databases in Third Normal Form.									
RHE	OUL	CTCH	1808	Intermediate Microsoft Access	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces the student to intermediate skills in using Microsoft Access, including the design of databases in Third Normal Form.									
RHE	OUL	CTCH	1809	Advanced Microsoft Access	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides the experienced MS Access user advanced skills in the use of Microsoft Access with a focus on advanced report generation.									
RHE	OUL	CTCH	1809	Advanced Microsoft Access	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Provides the experienced MS Access user advanced skills in the use of Microsoft Access with a focus on advanced report generation.									
RHE	OUL	CTCH	1821	Introduction to Microsoft PowerPoint	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for CTCH 1250 or BMT 2000							
		COURSE DESC:		Introduces basic skills in the use of Microsoft PowerPoint including the use of slide templates, master slides, transitions, text, graphics, and multimedia.									
RHE	OUL	CTCH	1821	Introduction to Microsoft PowerPoint	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for CTCH 1250 or BMT 2000							
		COURSE DESC:		Introduces basic skills in the use of Microsoft PowerPoint including the use of slide templates, master slides, transitions, text, graphics, and multimedia.									
RHE	OUL	CTCH	1822	Intermediate MS PowerPoint	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.									
RHE	OUL	CTCH	1822	Intermediate MS PowerPoint	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.									
RHE	OUL	CTCH	1823	Creating Interactive Teaching Slides	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Teaches the experienced Microsoft PowerPoint user advanced techniques for creating interactive slideshows that can be used to enhance teaching by illustrating complex animations and developing educational games for use in the classroom.									

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RHE	OUL	CTCH	1823	Creating Interactive Teaching Slides ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Teaches the experienced Microsoft PowerPoint user advanced techniques for creating interactive slideshows that can be used to enhance teaching by illustrating complex animations and developing educational games for use in the classroom.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	1824	Introduction to Home Networks ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Presents the fundamentals of creating a home-based computer network for sharing wireless access with multiple devices such as printers, computers, and mobile phones.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	1824	Introduction to Home Networks ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Presents the fundamentals of creating a home-based computer network for sharing wireless access with multiple devices such as printers, computers, and mobile phones.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	1825	Introduction to Microsoft Project ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	1825	Introduction to Microsoft Project ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	1891	Internetworking I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Instruction includes the OSI model and industry standards; network topologies; IP addressing, including subnet masks; and basic network design. Installation and operation of a simple routed and switched network.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	1891	Internetworking I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Instruction includes the OSI model and industry standards; network topologies; IP addressing, including subnet masks; and basic network design. Installation and operation of a simple routed and switched network.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	1892	Internetworking II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Analyze, configure, verify, and troubleshoot commonly used routing protocols, such as RIPv1, RIPv2, EIGRP, and OSPF.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	1892	Internetworking II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Analyze, configure, verify, and troubleshoot commonly used routing protocols, such as RIPv1, RIPv2, EIGRP, and OSPF.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	1893	Internetworking III ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In-depth introduction of how switches operate and are implemented in the LAN environment for small and large networks. Instruction includes LAN switch operation, VLAN implementation, and wireless network operation. Analyze, configure, verify, and troubleshoot VLANs, RSTP, VTP, and wireless networks. Campus network design and Layer 3 switching concepts introduced.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	1893	Internetworking III ELIGIBLE GRADES: GEC1: A-F COURSE DESC: In-depth introduction of how switches operate and are implemented in the LAN environment for small and large networks. Instruction includes LAN switch operation, VLAN implementation, and wireless network operation. Analyze, configure, verify, and troubleshoot VLANs, RSTP, VTP, and wireless networks. Campus network design and Layer 3 switching concepts introduced.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	1894	Internetworking IV ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explains the principles of network traffic control and access control lists (ACLs) and provides an overview of the services and protocols at the data link layer for wide-area access. Explores user access technologies and devices; how to implement and configure common WAN protocols and services.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	1894	Internetworking IV ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explains the principles of network traffic control and access control lists (ACLs) and provides an overview of the services and protocols at the data link layer for wide-area access. Explores user access technologies and devices; how to implement and configure common WAN protocols and services.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	1900	Special Topics and Workshops ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Special topics and workshops in introductory computer science topics.	LEC	EL	1 to 3	6		N	U20		0

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RHE	OUL	CTCH	1900	Special Topics and Workshops	LEC	LE	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Special topics and workshops in introductory computer science topics.									
RHE	OUL	CTCH	2140	Computer System Maintenance and Troubleshooting	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1250 or BMT 2000									
				Provides basic knowledge and skills for computer system maintenance and troubleshooting. Addresses many common technical support problems and their solutions related to computer hardware and software. Covers topics such as system resources, system installation, system configuration, system optimization, system diagnosing and system troubleshooting.									
RHE	OUL	CTCH	2140	Computer System Maintenance and Troubleshooting	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1250 or BMT 2000									
				Provides basic knowledge and skills for computer system maintenance and troubleshooting. Addresses many common technical support problems and their solutions related to computer hardware and software. Covers topics such as system resources, system installation, system configuration, system optimization, system diagnosing and system troubleshooting.									
RHE	OUL	CTCH	2330	Survey of Emerging Languages	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Study of new emerging programming languages and frameworks.									
RHE	OUL	CTCH	2330	Survey of Emerging Languages	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Study of new emerging programming languages and frameworks.									
RHE	OUL	CTCH	2340	COBOL Programming I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to structured design and COBOL programming. Includes analyzing, designing, coding, testing, and debugging computer applications. Emphasis on top-down logic design and modular-structured programming.									
RHE	OUL	CTCH	2340	COBOL Programming I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to structured design and COBOL programming. Includes analyzing, designing, coding, testing, and debugging computer applications. Emphasis on top-down logic design and modular-structured programming.									
RHE	OUL	CTCH	2341	COBOL Programming II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 2340									
				Continuation of CTCH 3400 with emphasis on table handling and file processing.									
RHE	OUL	CTCH	2341	COBOL Programming II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 2340									
				Continuation of CTCH 3400 with emphasis on table handling and file processing.									
RHE	OUL	CTCH	2380	Assembler Programming	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to machine organization and structured Assembler language programming. Emphasis on top-down design, program logic, and modular-structured coding as applied to Assembler language.									
RHE	OUL	CTCH	2380	Assembler Programming	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to machine organization and structured Assembler language programming. Emphasis on top-down design, program logic, and modular-structured coding as applied to Assembler language.									
RHE	OUL	CTCH	2400	C++ Programming	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to the C++ programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	CTCH	2400	C++ Programming	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to the C++ programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	CTCH	2410	Visual BASIC Programming	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.									
RHE	OUL	CTCH	2410	Visual BASIC Programming	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				C or better in CTCH 1330									
				Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.									

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COURSE LISTING
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RHE	OUL	CTCH	2420	Java Programming	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in CTCH 1330									
				Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.									
RHE	OUL	CTCH	2420	Java Programming	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in CTCH 1330									
				Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.									
RHE	OUL	CTCH	2430	C Programming	LEC	EL	3	0		N	U20		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1330									
				Introduction to the C programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	CTCH	2430	C Programming	LEC	LE	3	0		N	U20		75
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1330									
				Introduction to the C programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	CTCH	2500	System Analysis	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BMT 2000 or CTCH 1250)									
				Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.									
RHE	OUL	CTCH	2500	System Analysis	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (BMT 2000 or CTCH 1250)									
				Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.									
RHE	OUL	CTCH	2640	Computer and Network Security	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer and networks security. Covers topics such as electronic security threats, strategies for host, network and application security, cryptography, firewalls, VPN, intrusion detection systems, incident response and developing security policy for an organization.									
RHE	OUL	CTCH	2640	Computer and Network Security	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer and networks security. Covers topics such as electronic security threats, strategies for host, network and application security, cryptography, firewalls, VPN, intrusion detection systems, incident response and developing security policy for an organization.									
RHE	OUL	CTCH	2650	Network Design and Implementation	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CTCH 1600 or 1891)									
				Focuses on the design, installation, configuration, and management of a computer network. Also covers emerging technologies for network infrastructure and development.									
RHE	OUL	CTCH	2650	Network Design and Implementation	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: C or better in (CTCH 1600 or 1891)									
				Focuses on the design, installation, configuration, and management of a computer network. Also covers emerging technologies for network infrastructure and development.									
RHE	OUL	CTCH	2660	Wireless Systems	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Comprehensive overview of technologies, security, and best practices of wireless systems with current industrial standards such as IEEE802.11a, b, g, and n. Provides guidelines to plan, design, install, and configure wireless LANs. Wireless system security emphasized.									
RHE	OUL	CTCH	2660	Wireless Systems	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Comprehensive overview of technologies, security, and best practices of wireless systems with current industrial standards such as IEEE802.11a, b, g, and n. Provides guidelines to plan, design, install, and configure wireless LANs. Wireless system security emphasized.									
RHE	OUL	CTCH	2700	Network Management and Administration	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems and systems administration. Covers topics such as system installation and configuration, managing user accounts, configuring network services, managing system resources, system monitoring, back-up and recovery.									
RHE	OUL	CTCH	2700	Network Management and Administration	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems and systems administration. Covers topics such as system installation and configuration, managing user accounts, configuring network services, managing system resources, system monitoring, back-up and recovery.									
RHE	OUL	CTCH	2800	Operating Systems	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems. Explores different operating systems. Emphasis on what operating systems are, how they work, and how to use them, along with their similarities and differences.									

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RHE	OUL	CTCH	2800	Operating Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: CTCH 1600 or 1891 COURSE DESC: Introduction to computer operating systems. Explores different operating systems. Emphasis on what operating systems are, how they work, and how to use them, along with their similarities and differences.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	2801	Creating eBooks ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Teaches experienced word processor users the techniques needed to produce and publish their writing in ebook format.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	2801	Creating eBooks ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Teaches experienced word processor users the techniques needed to produce and publish their writing in ebook format.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	2802	Introduction to Google Docs ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduction to the free online document creation and editing tools available through Google Docs.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	2802	Introduction to Google Docs ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduction to the free online document creation and editing tools available through Google Docs.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	2803	Safe Facebooking ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: An introduction to the use of the social media application Facebook, with a particular focus on tools and techniques for managing privacy and safety.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	2803	Safe Facebooking ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: An introduction to the use of the social media application Facebook, with a particular focus on tools and techniques for managing privacy and safety.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	2804	Photoshop: Basic Correction Techniques ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduces the student to Photoshop software for enhancing photographs.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	2804	Photoshop: Basic Correction Techniques ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Introduces the student to Photoshop software for enhancing photographs.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	2805	Photoshop Artistic Enhancements ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Presents to the novice Photoshop user intermediate skills such as artistic filters and enhanced image composition.	LEC	EL	1	0		N	U20		0
RHE	OUL	CTCH	2805	Photoshop Artistic Enhancements ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Presents to the novice Photoshop user intermediate skills such as artistic filters and enhanced image composition.	LEC	LE	1	0		N	U20		0
RHE	OUL	CTCH	2850	Database Management Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in CTCH 1250 and (C or better in MATH D005 or Math Placement Level 1 or higher) COURSE DESC: Introduction to concepts and principles of database management. Focuses primarily on relational databases and includes database design, normalization, SQL, object-oriented theory, and database administration using both a desktop database management application and an enterprise level database management system.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	2850	Database Management Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in CTCH 1250 and (C or better in MATH D005 or Math Placement Level 1 or higher) COURSE DESC: Introduction to concepts and principles of database management. Focuses primarily on relational databases and includes database design, normalization, SQL, object-oriented theory, and database administration using both a desktop database management application and an enterprise level database management system.	LEC	LE	3	0		N	U20		0
RHE	OUL	CTCH	2860	Database Application Development ELIGIBLE GRADES: GEC1: A-F REQUISITE: CTCH 1330 and 2850 COURSE DESC: Introductory database applications development course. Focuses on tools and techniques for designing and implementing input screens and reports, importing and exporting of data, data validation, use of external data, optimization of the application, support for multi-user access to the application, communicating with other applications, Internet integration, and documentation of the application.	LEC	EL	3	0		N	U20		0
RHE	OUL	CTCH	2860	Database Application Development ELIGIBLE GRADES: GEC1: A-F REQUISITE: CTCH 1330 and 2850 COURSE DESC: Introductory database applications development course. Focuses on tools and techniques for designing and implementing input screens and reports, importing and exporting of data, data validation, use of external data, optimization of the application, support for multi-user access to the application, communicating with other applications, Internet integration, and documentation of the application.	LEC	LE	3	0		N	U20		0

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RHE	OUL	CTCH	2870	Database Administration	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in CTCH 2850						
		COURSE DESC:		Introduction to the administration of databases. Examines the role of a database administrator in designing, installing, configuring, and maintaining a database and a database server. Also covers management of secure access to the database and planning for disaster recovery.									
RHE	OUL	CTCH	2870	Database Administration	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	C or better in CTCH 2850						
		COURSE DESC:		Introduction to the administration of databases. Examines the role of a database administrator in designing, installing, configuring, and maintaining a database and a database server. Also covers management of secure access to the database and planning for disaster recovery.									
RHE	OUL	CTCH	2900	Special Topics	LEC	EL	1 to 8	8		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Provides the opportunity to explore or expand upon subjects or topics not covered or only briefly covered in other CTCH courses. Topics may vary from year to year and may include either business or scientific applications in computer science.									
RHE	OUL	CTCH	2900	Special Topics	LEC	LE	1 to 8	8		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Permission required						
		COURSE DESC:		Provides the opportunity to explore or expand upon subjects or topics not covered or only briefly covered in other CTCH courses. Topics may vary from year to year and may include either business or scientific applications in computer science.									
RHE	OUL	CTCH	2920	Practicum	PRA	EL	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required and no more than 6 hours of CTCH 2920						
		COURSE DESC:		Practicum content varies									
RHE	OUL	CTCH	2920	Practicum	PRA	PR	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required and no more than 6 hours of CTCH 2920						
		COURSE DESC:		Practicum content varies									
RHE	OUL	DSI	1110	Beginning American Sign Language I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1110						
		COURSE DESC:		Introduces American Sign Language (ASL) and Deaf culture. Encourages interaction with the Deaf community. Focuses on comprehension and production of fingerspelling, introductory numbers, and basic ASL and its grammatical structure.									
RHE	OUL	DSI	1110	Beginning American Sign Language I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1110						
		COURSE DESC:		Introduces American Sign Language (ASL) and Deaf culture. Encourages interaction with the Deaf community. Focuses on comprehension and production of fingerspelling, introductory numbers, and basic ASL and its grammatical structure.									
RHE	OUL	DSI	1120	Beginning American Sign Language II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120						
		COURSE DESC:		Continuation of DSI 1110. Continued interaction with the Deaf community required. Acquire increased awareness of ASL/Deaf culture and the rules and norms which govern their practice.									
RHE	OUL	DSI	1120	Beginning American Sign Language II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120						
		COURSE DESC:		Continuation of DSI 1110. Continued interaction with the Deaf community required. Acquire increased awareness of ASL/Deaf culture and the rules and norms which govern their practice.									
RHE	OUL	DSI	1510	Visual Gestural Communication in ASL	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 1120						
		COURSE DESC:		Focuses on the language instinct inherent with the deaf community. Gestural communicative techniques examined and applied. Exposure to a variety of home signs and how they have influenced signed languages at large.									
RHE	OUL	DSI	1610	Orientation to the d/Deaf World	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 1120						
		COURSE DESC:		In-depth look at audiology and the impact its practice has on the educational placement of deaf children. Examines the differences between identities and experiences of the d/Deaf community. The social connotation of terminology utilized both within and outside the community examined. State and federal legislation and services for the Deaf also studied.									
RHE	OUL	DSI	1610	Orientation to the d/Deaf World	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 1120						
		COURSE DESC:		In-depth look at audiology and the impact its practice has on the educational placement of deaf children. Examines the differences between identities and experiences of the d/Deaf community. The social connotation of terminology utilized both within and outside the community examined. State and federal legislation and services for the Deaf also studied.									
RHE	OUL	DSI	1810	Introduction to Interpreting	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	DSI 2110						
		COURSE DESC:		Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									

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RHE	OUL	DSI	1810	Introduction to Interpreting	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 2110									
		COURSE DESC:		Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	DSI	1810	Introduction to Interpreting	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 2110									
		COURSE DESC:		Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	DSI	1921	Environmental Observation in Interpreting	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1610 and 2110									
		COURSE DESC:		Provides opportunities for students to examine a variety of potential interpreting environments and theoretically apply demand and control schema and professional decision making to real life situations.									
RHE	OUL	DSI	1921	Environmental Observation in Interpreting	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1610 and 2110									
		COURSE DESC:		Provides opportunities for students to examine a variety of potential interpreting environments and theoretically apply demand and control schema and professional decision making to real life situations.									
RHE	OUL	DSI	2110	Intermediate American Sign Language I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in DSI 1120 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): CSD 2110									
		COURSE DESC:		Designed for intermediate American Sign Language students. Classifiers and their usage examined in depth as well as the different numerical systems in ASL. Continue to enhance comprehension and expression skills.									
				Students must either complete DSI 1110 and DSI 1120 or receive a Survival Plus rating on the Sign Language Proficiency Interview (or equivalent testing) before beginning the intermediate American Sign Language series.									
RHE	OUL	DSI	2110	Intermediate American Sign Language I	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in DSI 1120 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): CSD 2110									
		COURSE DESC:		Designed for intermediate American Sign Language students. Classifiers and their usage examined in depth as well as the different numerical systems in ASL. Continue to enhance comprehension and expression skills.									
				Students must either complete DSI 1110 and DSI 1120 or receive a Survival Plus rating on the Sign Language Proficiency Interview (or equivalent testing) before beginning the intermediate American Sign Language series.									
RHE	OUL	DSI	2120	Intermediate American Sign Language II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 2120									
		COURSE DESC:		Continuation of DSI 2110. Continues to work toward fluency in ASL. Focuses on ASL idioms, ASL and English comparisons, advanced classifiers, current news, and conversational ASL.									
RHE	OUL	DSI	2120	Intermediate American Sign Language II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 2120									
		COURSE DESC:		Continuation of DSI 2110. Continues to work toward fluency in ASL. Focuses on ASL idioms, ASL and English comparisons, advanced classifiers, current news, and conversational ASL.									
RHE	OUL	DSI	2130	American Sign Language Linguistics	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1120									
		COURSE DESC:		Introduction into the broad study of linguistics, as well as, the linguistics of ASL and the grammatical structure of the language. Looks at what constitutes a language and compares English and ASL through an examination of ASL's structure, acquisition and sociolinguistic aspects.									
RHE	OUL	DSI	2130	American Sign Language Linguistics	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1120									
		COURSE DESC:		Introduction into the broad study of linguistics, as well as, the linguistics of ASL and the grammatical structure of the language. Looks at what constitutes a language and compares English and ASL through an examination of ASL's structure, acquisition and sociolinguistic aspects.									
RHE	OUL	DSI	2140	Educational Interpreting	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1810									
		COURSE DESC:		Looks at educational interpreting, its practices and idiosyncrasies from both a current and historical perspective. Examines such things as the IEP/MFE process, educational laws, technology (i.e., hearing aids, cochlear implants, and other assistive technology), and deaf students with special needs. Also focuses on the EIPA examination.									
RHE	OUL	DSI	2140	Educational Interpreting	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1810									
		COURSE DESC:		Looks at educational interpreting, its practices and idiosyncrasies from both a current and historical perspective. Examines such things as the IEP/MFE process, educational laws, technology (i.e., hearing aids, cochlear implants, and other assistive technology), and deaf students with special needs. Also focuses on the EIPA examination.									
RHE	OUL	DSI	2150	Fingerspelling and the Interpreter	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 2120									
		COURSE DESC:		Explores both expressive and receptive aspects of fingerspelling in a communicative context. Appropriate usage of such things as lexical signs, abbreviations, and the grammatical importance of fingerspelling discussed.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	DSI	2160	Seminar in Interpreting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 2820 Capstone course for the interpreting program. Prepares students for the NAD-RID national certification NIC knowledge portion of the exam. In addition, students prepare a professional portfolio and discuss opportunities for future employment.	LEC	EL	1	0		N	U20		0
RHE	OUL	DSI	2160	Seminar in Interpreting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 2820 Capstone course for the interpreting program. Prepares students for the NAD-RID national certification NIC knowledge portion of the exam. In addition, students prepare a professional portfolio and discuss opportunities for future employment.	LEC	LE	1	0		N	U20		0
RHE	OUL	DSI	2170	English and the Interpreter ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 1810 Designed to enhance English and sign vocabulary. Examines such things as lexical substitutions in interpreting, commonly confused terminology, English idioms, prefixes and suffixes, etc.	LEC	EL	2	0		N	U20		0
RHE	OUL	DSI	2170	English and the Interpreter ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 1810 Designed to enhance English and sign vocabulary. Examines such things as lexical substitutions in interpreting, commonly confused terminology, English idioms, prefixes and suffixes, etc.	LEC	LE	2	0		N	U20		0
RHE	OUL	DSI	2810	Professional Decision Making and Interpreting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Permission required and DSI 1120 Focuses on the RID-NAD Code of Professional Conduct by applying its tenets to a variety of hypothetical interpreting scenarios. Students begin to understand their own ethical foundations and how decision making impacts everyone involved in the interpreting process.	LEC	EL	2	0		I	U20		0
RHE	OUL	DSI	2810	Professional Decision Making and Interpreting ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: Permission required and DSI 1120 Focuses on the RID-NAD Code of Professional Conduct by applying its tenets to a variety of hypothetical interpreting scenarios. Students begin to understand their own ethical foundations and how decision making impacts everyone involved in the interpreting process.	LEC	LE	2	0		I	U20		0
RHE	OUL	DSI	2820	Interpreting and Transliterating Techniques I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.	LAB	LB	3	0		N	U20		0
RHE	OUL	DSI	2820	Interpreting and Transliterating Techniques I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.	LEC	EL	3	0		N	U20		0
RHE	OUL	DSI	2820	Interpreting and Transliterating Techniques I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.	LEC	LE	3	0		N	U20		0
RHE	OUL	DSI	2830	Interpreting and Transliterating Techniques II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.	LAB	LB	3	0		N	U20		0
RHE	OUL	DSI	2830	Interpreting and Transliterating Techniques II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.	LEC	EL	3	0		N	U20		0
RHE	OUL	DSI	2830	Interpreting and Transliterating Techniques II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.	LEC	LE	3	0		N	U20		0
RHE	OUL	DSI	2860	Study of Deaf Culture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 1120 Provides an overview of the Deaf Community and its rich culture. Focuses on the American Deaf Community by exploring its origins, culture, identity politics, values, and history. Examines the oppression experienced by the Deaf community and the impact hegemony has had on the attitudes, values, and beliefs of both the hearing and d/Deaf community.	LEC	EL	2	0		N	U20		0
RHE	OUL	DSI	2860	Study of Deaf Culture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: DSI 1120 Provides an overview of the Deaf Community and its rich culture. Focuses on the American Deaf Community by exploring its origins, culture, identity politics, values, and history. Examines the oppression experienced by the Deaf community and the impact hegemony has had on the attitudes, values, and beliefs of both the hearing and d/Deaf community.	LEC	LE	2	0		N	U20		0
RHE	OUL	DSI	2900	Special Topics in Deaf Studies ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U20		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	DSI	2900	Special Topics in Deaf Studies	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	DSI	2921	Practicum I	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Students placed in a variety of real-world settings. Required to actively participate in the interpreting process in collaboration with working professional interpreters while applying concepts gleaned from their classroom experiences. Students adhere to the tenets of the NAD-RID Professional Code of Conduct. Each student observed and evaluated by practicum supervisor periodically throughout the semester. In addition, students maintain a log of their observations which is discussed in the seminar portion of the course.									
RHE	OUL	DSI	2922	Practicum II	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 2921									
		COURSE DESC:		Students placed in a variety of real-world settings. Required to actively participate in the interpreting process in collaboration with working professional interpreters while applying concepts gleaned from their classroom experiences. Students adhere to the tenets of the NAD-RID Professional Code of Conduct. Each student observed and evaluated by practicum supervisor periodically throughout the semester. In addition, students maintain a log of their observations which is discussed in the seminar portion of the course.									
RHE	OUL	ENGT	1100	Introduction to Engineering Technology	LEC	LE	.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to career opportunities, job functions, and professional organizations in Engineering Technology. Discussion of curriculum and program procedures.									
RHE	OUL	ENGT	1150	Welding and Fabricating	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	ENGT	1150	Welding and Fabricating	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	ENGT	1150	Welding and Fabricating	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	ENGT	1170	Metal Machining I	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	ENGT	1170	Metal Machining I	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	ENGT	1170	Metal Machining I	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	ENGT	1200	Basic Electronics	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005)									
		COURSE DESC:		Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	ENGT	1200	Basic Electronics	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005)									
		COURSE DESC:		Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	ENGT	1200	Basic Electronics	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005)									
		COURSE DESC:		Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	ENGT	1500	Machine Repair	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	ENGT	1500	Machine Repair	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.									
RHE	OUL	ENGT	1500	Machine Repair	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.									
RHE	OUL	ENGT	1890	Special Topics	LEC	LE	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Special topics that are current and relevant to the engineering technology field. May be repeated.									
RHE	OUL	ENGT	2000	Electrical Motors, Control Circuits, and Computers	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1200						
		COURSE DESC:		Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	ENGT	2000	Electrical Motors, Control Circuits, and Computers	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1200						
		COURSE DESC:		Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	ENGT	2000	Electrical Motors, Control Circuits, and Computers	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1200						
		COURSE DESC:		Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	ENGT	2170	Metal Machining II	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1170						
		COURSE DESC:		Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	ENGT	2170	Metal Machining II	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1170						
		COURSE DESC:		Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	ENGT	2170	Metal Machining II	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 1170						
		COURSE DESC:		Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	ENGT	2200	Basic Hydraulics and Pneumatics	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Math placement level 1 or higher or (Math D004 or Math D005)						
		COURSE DESC:		Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	ENGT	2200	Basic Hydraulics and Pneumatics	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Math placement level 1 or higher or (Math D004 or Math D005)						
		COURSE DESC:		Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	ENGT	2200	Basic Hydraulics and Pneumatics	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Math placement level 1 or higher or (Math D004 or Math D005)						
		COURSE DESC:		Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	ENGT	2210	Programmable Controllers, Instrumentation and Process Control I	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 2000 and 2200						
		COURSE DESC:		Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.									
RHE	OUL	ENGT	2210	Programmable Controllers, Instrumentation and Process Control I	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	IMT 2000 and 2200						
		COURSE DESC:		Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	ENGT	2210	Programmable Controllers, Instrumentation and Process Control I GEC1: A-F REQUISITE: IMT 2000 and 2200 COURSE DESC: Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.	LEC	LE	3	0		N	U20		0
RHE	OUL	ENGT	2211	Programmable Controllers, Instrumentation and Process Control II GEC1: A-F REQUISITE: IMT 2210 COURSE DESC: Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.	LAB	LB	3	0		N	U20		0
RHE	OUL	ENGT	2211	Programmable Controllers, Instrumentation and Process Control II GEC1: A-F REQUISITE: IMT 2210 COURSE DESC: Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.	LEC	EL	3	0		N	U20		0
RHE	OUL	ENGT	2211	Programmable Controllers, Instrumentation and Process Control II GEC1: A-F REQUISITE: IMT 2210 COURSE DESC: Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.	LEC	LE	3	0		N	U20		0
RHE	OUL	ENGT	2300	Tool Design GEC1: A-F REQUISITE: IMT 1170 COURSE DESC: Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.	LAB	LB	3	0		N	U20		0
RHE	OUL	ENGT	2300	Tool Design GEC1: A-F REQUISITE: IMT 1170 COURSE DESC: Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.	LEC	EL	3	0		N	U20		0
RHE	OUL	ENGT	2300	Tool Design GEC1: A-F REQUISITE: IMT 1170 COURSE DESC: Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.	LEC	LE	3	0		N	U20		0
RHE	OUL	ENGT	2400	Materials and Material Testing GEC1: A-F REQUISITE: COURSE DESC: Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.	LAB	LB	3	0		N	U20		0
RHE	OUL	ENGT	2400	Materials and Material Testing GEC1: A-F REQUISITE: COURSE DESC: Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.	LEC	EL	3	0		N	U20		0
RHE	OUL	ENGT	2400	Materials and Material Testing GEC1: A-F REQUISITE: COURSE DESC: Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.	LEC	LE	3	0		N	U20		0
RHE	OUL	ENGT	2630	Process Control GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) COURSE DESC: Analysis of basic principles of quality control, including frequency distribution, sampling inspection, and charts and gauges related to inspection. Field trips and laboratory projects are part of lab activity.	LAB	LB	3	0		N	U20		0
RHE	OUL	ENGT	2630	Process Control GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) COURSE DESC: Analysis of basic principles of quality control, including frequency distribution, sampling inspection, and charts and gauges related to inspection. Field trips and laboratory projects are part of lab activity.	LEC	EL	3	0		N	U20		0
RHE	OUL	ENGT	2630	Process Control GEC1: A-F REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) COURSE DESC: Analysis of basic principles of quality control, including frequency distribution, sampling inspection, and charts and gauges related to inspection. Field trips and laboratory projects are part of lab activity.	LEC	LE	3	0		N	U20		0
RHE	OUL	ENGT	2750	Self-Directed Work Teams GEC1: A-F REQUISITE: COURSE DESC: Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.	LAB	LB	3	0		N	U20		0
RHE	OUL	ENGT	2750	Self-Directed Work Teams GEC1: A-F REQUISITE: COURSE DESC: Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.	LEC	EL	3	0		N	U20		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	ENGT	2750	Self-Directed Work Teams	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.									
RHE	OUL	ENGT	2900	Special Topics in Engineering Technology	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR									
				Specific course content will vary with offering.									
RHE	OUL	ENGT	2900	Special Topics in Engineering Technology	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR									
				Specific course content will vary with offering.									
RHE	OUL	ENGT	2930	Independent Study	IND	IS	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,									
		COURSE DESC:		REQUISITE:									
				CR									
				Study of a particular topic pertinent to the engineering technology field under the direction of a faculty member. May be repeated.									
RHE	OUL	ENGT	2990	Externship	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				IMT 1150 and 1170 and 1200 and 2200 and 2400									
				Performance of engineering technology technician duties in a supervised, unpaid experience, working 24 hours/week with a local company. Efforts are made to rotate experience.									
RHE	OUL	ENGT	2990	Externship	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				IMT 1150 and 1170 and 1200 and 2200 and 2400									
				Performance of engineering technology technician duties in a supervised, unpaid experience, working 24 hours/week with a local company. Efforts are made to rotate experience.									
RHE	OUL	ENGT	2990	Externship	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				IMT 1150 and 1170 and 1200 and 2200 and 2400									
				Performance of engineering technology technician duties in a supervised, unpaid experience, working 24 hours/week with a local company. Efforts are made to rotate experience.									
RHE	OUL	HTCH	1000	Principles of Health Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Fr or Soph									
				Introduces a wide range of health care concepts, careers, and systems. Reviews health care and how different health care professionals are integrated into the entire health care delivery system. Examines professional responsibilities for a myriad of health professionals and requirements for their certification/licensure/registration. Discusses the historical and futuristic implications of health care professionals and their relationships to patients.									
RHE	OUL	HTCH	1000	Principles of Health Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Fr or Soph									
				Introduces a wide range of health care concepts, careers, and systems. Reviews health care and how different health care professionals are integrated into the entire health care delivery system. Examines professional responsibilities for a myriad of health professionals and requirements for their certification/licensure/registration. Discusses the historical and futuristic implications of health care professionals and their relationships to patients.									
RHE	OUL	HTCH	1040	Law and Ethics in Health Professions & Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Comprehensive overview of law and ethics in the health professions. Ethical issues discussed along with practical information on the law, legal system, malpractice, negligence, and standards of care for a vast array of health professions. Health Information Portability and Accountability Act (HIPAA) incorporated to provide the legal foundation for practice in the health care fields.									
RHE	OUL	HTCH	1040	Law and Ethics in Health Professions & Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Comprehensive overview of law and ethics in the health professions. Ethical issues discussed along with practical information on the law, legal system, malpractice, negligence, and standards of care for a vast array of health professions. Health Information Portability and Accountability Act (HIPAA) incorporated to provide the legal foundation for practice in the health care fields.									
RHE	OUL	HTCH	2000	Topics in Health Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				HTCH 1000									
				Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	HTCH	2000	Topics in Health Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTCH 1000									
		COURSE DESC:		Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									
RHE	OUL	HTCH	2000	Topics in Health Technology	PRA	PR	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTCH 1000									
		COURSE DESC:		Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									
RHE	OUL	HTCH	2900	Special Topics in Health Technology	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	HTCH	2900	Special Topics in Health Technology	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	MAT	1010	Introduction to Medical Assisting	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to the career of medical assisting. Topics included are the roles and responsibilities of a medical assistant; an overview of the medical assisting profession and its credentialing; the safety, health, and liability issues in this profession; the professional behaviors required; and the communication skills and interpersonal relationships necessary for the medical assisting field.									
RHE	OUL	MAT	1010	Introduction to Medical Assisting	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to the career of medical assisting. Topics included are the roles and responsibilities of a medical assistant; an overview of the medical assisting profession and its credentialing; the safety, health, and liability issues in this profession; the professional behaviors required; and the communication skills and interpersonal relationships necessary for the medical assisting field.									
RHE	OUL	MAT	1400	Medical Terminology for the Medical Assistant	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Understanding and usage of medical terms in the allied-health field. Emphasis on the spelling, definition, and creation of medical terms through the understanding of prefixes, suffixes, and root words. Terminology learned through body system knowledge. Terminology usage for a variety of medical documentation covered.									
RHE	OUL	MAT	1400	Medical Terminology for the Medical Assistant	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Understanding and usage of medical terms in the allied-health field. Emphasis on the spelling, definition, and creation of medical terms through the understanding of prefixes, suffixes, and root words. Terminology learned through body system knowledge. Terminology usage for a variety of medical documentation covered.									
RHE	OUL	MAT	1700	Administrative Medical Assisting Techniques I	LAB	LB	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and OTEC 1210 and C or better in ((MAT 1010 or 101) and 1400) and required immunizations and first aid and provider-level CPR cert recommended									
		COURSE DESC:		Introduction to the medical office and current administrative practices. Topics include confidentiality and the daily practices of the medical assistant, such as business practices in scheduling, patient record creation and retention, and basic practice finances.									
RHE	OUL	MAT	1700	Administrative Medical Assisting Techniques I	LEC	LE	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and OTEC 1210 and C or better in ((MAT 1010 or 101) and 1400) and required immunizations and first aid and provider-level CPR cert recommended									
		COURSE DESC:		Introduction to the medical office and current administrative practices. Topics include confidentiality and the daily practices of the medical assistant, such as business practices in scheduling, patient record creation and retention, and basic practice finances.									
RHE	OUL	MAT	2000	Pharmacology and Disease Processes in Medical Assisting	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MAT 1400 and MATH 1090 or Tier I math									
		COURSE DESC:		Covers common diseases with pharmacology in the major body systems. Topics also include evaluation, treatment, patient education, and office triage as provided by the medical assistant.									
RHE	OUL	MAT	2000	Pharmacology and Disease Processes in Medical Assisting	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MAT 1400 and MATH 1090 or Tier I math									
		COURSE DESC:		Covers common diseases with pharmacology in the major body systems. Topics also include evaluation, treatment, patient education, and office triage as provided by the medical assistant.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	MAT	2010	Clinical Medical Assisting Techniques I ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Introduction to medical laboratory theory and practice in preparation for physical examination, applied microbiology and infection control. Topics such as patient and exam room preparation, vital sign tests, taking health histories, aseptic techniques, infection control, electrocardiography, and universal precautions are studied. Suggested prerequisites: MAT 1010 & MAT 1400 (grades of C or better); BIOS 1030; MAT major; required immunizations; provider-level CPR & first aid certifications; permission									
RHE	OUL	MAT	2010	Clinical Medical Assisting Techniques I ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Introduction to medical laboratory theory and practice in preparation for physical examination, applied microbiology and infection control. Topics such as patient and exam room preparation, vital sign tests, taking health histories, aseptic techniques, infection control, electrocardiography, and universal precautions are studied. Suggested prerequisites: MAT 1010 & MAT 1400 (grades of C or better); BIOS 1030; MAT major; required immunizations; provider-level CPR & first aid certifications; permission									
RHE	OUL	MAT	2020	Clinical Medical Assisting Techniques II ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Theory and practice in minor hematology, laboratory tests, urinalysis, oral and parenteral medication administration, pharmacology, and venipuncture. Covers topics, such as documentation and government regulations, quality control and safety practices, health maintenance and disease prevention, and emergency practices. Recommended prerequisites: MAT 2010 (grade of C or better), BIOS 1300, MAT 1400, MAT 1010, MAT major, required immunizations, provider-level CPR and first aid certifications.									
RHE	OUL	MAT	2020	Clinical Medical Assisting Techniques II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Theory and practice in minor hematology, laboratory tests, urinalysis, oral and parenteral medication administration, pharmacology, and venipuncture. Covers topics, such as documentation and government regulations, quality control and safety practices, health maintenance and disease prevention, and emergency practices. Recommended prerequisites: MAT 2010 (grade of C or better), BIOS 1300, MAT 1400, MAT 1010, MAT major, required immunizations, provider-level CPR and first aid certifications.									
RHE	OUL	MAT	2100	Law and Ethics for Medical Assisting ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	U20		0
				GEC1: A-F REQUISITE: C or better in ((MAT 1010 or 101) and 1700 and 2010) and Sophomore or higher Introduction to law and ethics as they apply to allied health fields and medical assisting. Topics include scope of practice, professional liability and medical malpractice, medical records and informed consent, medical ethics, documentation and reporting, standard of care, governmental legislation and regulation, HIPAA, Patient's Bill of Rights, and legal, ethical, and moral behaviors.									
RHE	OUL	MAT	2300	Administrative Medical Assisting Techniques II ELIGIBLE GRADES: COURSE DESC:	LAB	LB	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.									
RHE	OUL	MAT	2300	Administrative Medical Assisting Techniques II ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.									
RHE	OUL	MAT	2900	Special Topics in Medical Assisting Technology ELIGIBLE GRADES: COURSE DESC:	SEM	EL	1 to 4	4		N	U20		0
				GEC3: A-F, REQUISITE: C or better in MAT 1010 or 101 CR Special topics current and relevant to the medical assisting field.									
RHE	OUL	MAT	2900	Special Topics in Medical Assisting Technology ELIGIBLE GRADES: COURSE DESC:	SEM	SE	1 to 4	4		N	U20		0
				GEC3: A-F, REQUISITE: C or better in MAT 1010 or 101 CR Special topics current and relevant to the medical assisting field.									
RHE	OUL	MAT	2920	Practicum ELIGIBLE GRADES: COURSE DESC:	PRA	PR	3	0		I	U20		0
				GEC1: A-F REQUISITE: Permission required and C or better in (MAT 2020 and 2100 and 2300) and MAT major and immunizations and first aid and provider-level CPR and background checks Practicum as a medical assistant in a supervised unpaid clinical experience. Student performs administrative and clinical procedures and develops professional attitudes and behaviors in an ambulatory care setting. Student works 210 hours during the semester enrolled. Required to meet once a week in the classroom setting with the practicum coordinator; with weekly assignments on required medical assisting topics as well as preparation for the Certified Medical Assistant [CMA (AAMA)] exam.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	MAT	2930	Independent Study	IND	EL	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: MAT 1010 or 101									
		COURSE DESC:		Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.									
RHE	OUL	MAT	2930	Independent Study	IND	IS	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: MAT 1010 or 101									
		COURSE DESC:		Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.									
RHE	OUL	MMT	2500	Shipping and Warehousing	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									
RHE	OUL	MMT	2500	Shipping and Warehousing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									
RHE	OUL	MMT	2500	Shipping and Warehousing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									
RHE	OUL	MMT	2620	Plant Layout and Material Handling	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	MMT	2620	Plant Layout and Material Handling	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	MMT	2620	Plant Layout and Material Handling	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010									
		COURSE DESC:		Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	MMT	2990	Externship	INT	IN	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010 and 2500 and 2620 and 2640									
		COURSE DESC:		Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									
RHE	OUL	MMT	2990	Externship	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010 and 2500 and 2620 and 2640									
		COURSE DESC:		Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									
RHE	OUL	MMT	2990	Externship	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MMT 1010 and 2500 and 2620 and 2640									
		COURSE DESC:		Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EM	1010	Introduction to Electronic Media	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the electronic media field, including the history from the first radio to new media today. Introduction to the business of electronic media and its career trends.									
RHE	OUS	EM	1010	Introduction to Electronic Media	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the electronic media field, including the history from the first radio to new media today. Introduction to the business of electronic media and its career trends.									
RHE	OUS	EM	1220	Media Performance	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of responsibilities required for radio, television and new media announcing. Develops performance skills proficiency through opportunities in performance situations.									
RHE	OUS	EM	1890	Electronic Media Workshop-Non-Majors	SEM	SE	1	2		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
				CR									
		COURSE DESC:		Short course in specific topics in electronic media applications. Emphasizes hands-on practice on such subjects as visual composition, camcorder operations, video editing, lighting, audio editing, and media digitization. Intended for non-majors.									
RHE	OUS	EM	2010	Electronic Media Analysis/Criticism	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to techniques of electronic media analysis and criticism. Development of critical skills in the analysis of messages and the audiences interpretation of them in varying cultural settings.									
RHE	OUS	EM	2010	Electronic Media Analysis/Criticism	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduction to techniques of electronic media analysis and criticism. Development of critical skills in the analysis of messages and the audiences interpretation of them in varying cultural settings.									
RHE	OUS	EM	2011	Electronic Media as Business	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of business practices and techniques in the electronic media.									
RHE	OUS	EM	2011	Electronic Media as Business	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of business practices and techniques in the electronic media.									
RHE	OUS	EM	2080	Topics in Electronic Media Technologies	LEC	EL	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of technical topics in the fast changing field of electronic media. Faculty and visiting professionals address current trends in technology such as: digital transitions, knowing when to upgrade, integrating new and old equipment, forward thinking and future trends.									
RHE	OUS	EM	2080	Topics in Electronic Media Technologies	LEC	LE	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of technical topics in the fast changing field of electronic media. Faculty and visiting professionals address current trends in technology such as: digital transitions, knowing when to upgrade, integrating new and old equipment, forward thinking and future trends.									
RHE	OUS	EM	2090	Special Topics in Electronic Media - Video	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing video production field. Faculty and visiting professionals will address current trends in video such as: new technologies, 2D/3D camera operation and editing, sports production, changes in the ever changing corporate media and marketing video for the web.									
RHE	OUS	EM	2090	Special Topics in Electronic Media - Video	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing video production field. Faculty and visiting professionals will address current trends in video such as: new technologies, 2D/3D camera operation and editing, sports production, changes in the ever changing corporate media and marketing video for the web.									
RHE	OUS	EM	2100	Special Topics in Audio Production	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing audio production field. Faculty and visiting professionals address current trends in audio production such as: live event sound reinforcement, audio mastering, sound design television and film, new media and non-terrestrial programming and more.									
RHE	OUS	EM	2110	Audio Production-Direction	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces the terminology and procedures used in audio production. Instruction in the use of audio production equipment and the techniques used in producing various types of audio productions.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EM	2120	Introduction to Multimedia Production	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	EM 1010			
		COURSE DESC:		Use of software applications on both the Mac and PC to create and edit multimedia for desktop publishing, interactive presentations, television/video, and website content.									
RHE	OUS	EM	2140	Advanced Audio Production/Performance	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	C or better in EM 2110			
		COURSE DESC:		Experience with innovative techniques for production and performance of audio materials. Investigation and analysis of audio production development and individual problems during productions.									
RHE	OUS	EM	2150	Introduction to Website Design	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	EM 2120			
		COURSE DESC:		Webpage creation and Internet functioning, using HTML, integrating media into Webpages, posting pages to the Web, and server functions.									
RHE	OUS	EM	2160	Introduction to Video Production	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Principles of basic video production and development of criteria for evaluation of video production.									
RHE	OUS	EM	2170	Advanced Video Production	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	C or better in EM 2160			
		COURSE DESC:		Applications of studio and field production with emphasis on innovative techniques. Pre-production, production and post production advanced techniques explored.									
RHE	OUS	EM	2180	Introduction to Digital Media	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	(ART 1131 or 113) and EM 2120			
		COURSE DESC:		Photography and videography basics through development and integration into current digital media applications.									
RHE	OUS	EM	2220	Aesthetics in Digital Media	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	Electronic media major			
		COURSE DESC:		Introduces the importance of aesthetics in new high quality sound, video and graphics. Explores the theory of light and color, line, space, motion and sound, then implement these into the creative process.									
RHE	OUS	EM	2500	News Distribution Platforms	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:	ENG 2800 or JOUR 1330			
		COURSE DESC:		Explores the process of newsgathering, writing, and reporting with an emphasis on new distribution platforms, including the Internet, mobile media and blogs.									
RHE	OUS	EM	2570	Advertising in the Broadcast and Cable Media	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduction to principles and practices of advertising and selling of time in electronic media situations. Format includes substantial instruction and interaction with individuals employed in station sales departments, and preparation of materials for sales strategies and campaigns.									
RHE	OUS	EM	2570	Advertising in the Broadcast and Cable Media	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Introduction to principles and practices of advertising and selling of time in electronic media situations. Format includes substantial instruction and interaction with individuals employed in station sales departments, and preparation of materials for sales strategies and campaigns.									
RHE	OUS	EM	2670	International Media Systems	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Surveys the role of the media in representative foreign countries. Media are examined relative to their structure, function, patterns of use, regulation and control and relationship to other systems. Media's role in influencing culture, politics, history, economics, geography and educational levels of these countries examined.									
RHE	OUS	EM	2670	International Media Systems	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		Surveys the role of the media in representative foreign countries. Media are examined relative to their structure, function, patterns of use, regulation and control and relationship to other systems. Media's role in influencing culture, politics, history, economics, geography and educational levels of these countries examined.									
RHE	OUS	EM	2700	Introduction to Sports Production	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		This is an introduction to theory, evolution and practice of multi-camera sports remote production for mass distribution. The content involves analyzing, evaluating and participating in multi-camera remote sports productions.									
RHE	OUS	EM	2700	Introduction to Sports Production	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F					REQUISITE:				
		COURSE DESC:		This is an introduction to theory, evolution and practice of multi-camera sports remote production for mass distribution. The content involves analyzing, evaluating and participating in multi-camera remote sports productions.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EM	2880	Electronic Media Workshop-Multimedia	SEM	EL	1	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Production of multimedia related assignments, monitored and supervised by electronic media faculty. Requires minimum number of assigned tasks per week during the semester.									
RHE	OUS	EM	2880	Electronic Media Workshop-Multimedia	SEM	SE	1	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Production of multimedia related assignments, monitored and supervised by electronic media faculty. Requires minimum number of assigned tasks per week during the semester.									
RHE	OUS	EM	2890	Media Workshop	SEM	SE	1	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Electronic media major CR									
		COURSE DESC:		Production of technically related assignments monitored and supervised within broadcast related services of electronic media department. Requires minimum number of assigned hours of tasks per week during school terms. Requires contract of duties and time commitment between instructor and student. Written evaluation required for course completion.									
RHE	OUS	EM	2900	Special Topics in Electronic Media	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUS	EM	2900	Special Topics in Electronic Media	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUS	EM	2910	Radio-Television Internship	INT	IN	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Electronic media major CR									
		COURSE DESC:		Approved assignments in area radio, television, cable, or multimedia production facilities. Requires contract of duties and time commitment between coordinator, student and employer. Written evaluation required for course completion.									
RHE	OUS	EM	2930	Independent Study	IND	IS	1 to 3	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Electronic media major									
		COURSE DESC:		Research projects requiring self-directed study and completion of a paper or production relating to electronic media.									
RHE	OUS	EQU	1000	Introduction to Equines	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course offers a foundation in basic equine science. Students will study equine history, basic anatomy, breeds, riding disciplines, and other equine related topics.									
RHE	OUS	EQU	1000	Introduction to Equines	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		This course offers a foundation in basic equine science. Students will study equine history, basic anatomy, breeds, riding disciplines, and other equine related topics.									
RHE	OUS	EQU	1010	Basic Equine Health Care	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic equine health care introduces the student to common health care issues of the horse. Students learn how to prevent and assess health care problems. They learn to assess and treat minor non-threatening injuries. They use these skills to determine when professional assistance is needed.									
RHE	OUS	EQU	1010	Basic Equine Health Care	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Basic equine health care introduces the student to common health care issues of the horse. Students learn how to prevent and assess health care problems. They learn to assess and treat minor non-threatening injuries. They use these skills to determine when professional assistance is needed.									
RHE	OUS	EQU	1020	Basic Horse Handling	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides opportunities in horse handling in daily barn setting. Provides experiences used in other equine classes, which include haltering, leading, lunging, grooming, clipping, tack and equipment, behavioral observations, and trailer preparation.									
RHE	OUS	EQU	1020	Basic Horse Handling	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Provides opportunities in horse handling in daily barn setting. Provides experiences used in other equine classes, which include haltering, leading, lunging, grooming, clipping, tack and equipment, behavioral observations, and trailer preparation.									
RHE	OUS	EQU	1030	Practical Experience in Equine Facility Management I	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practical experiences in daily operations of a commercial, multi-faceted equine facility. Gain hands-on experience working at a commercial equine facility.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	1030	Practical Experience in Equine Facility Management I	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practical experiences in daily operations of a commercial, multi-faceted equine facility. Gain hands-on experience working at a commercial equine facility.									
RHE	OUS	EQU	1040	Practical Experience in Equine Facility Management II	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1030									
		COURSE DESC:		Practical experiences in daily operations of a commercial, multi-faceted equine facility at the advanced level.									
RHE	OUS	EQU	1040	Practical Experience in Equine Facility Management II	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1030									
		COURSE DESC:		Practical experiences in daily operations of a commercial, multi-faceted equine facility at the advanced level.									
RHE	OUS	EQU	1060	Introduction to Western Riding	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Offers opportunity to experience tacking up, mounting, dismounting, and riding the western horse. Instruction on basic positioning and utilization of riding aids.									
RHE	OUS	EQU	1061	Introduction to English Riding	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Introduction to two styles of English riding: hunt seat and dressage. Introduced to the basic concepts of each style such as taking the horse, mounting and dismounting, basic riding skills, and the posting trot.									
RHE	OUS	EQU	1062	Equestrian Teaching Techniques	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000 and 1010 and 1060 and 1061									
		COURSE DESC:		Conducting safe, basic equestrian lessons.									
RHE	OUS	EQU	1062	Equestrian Teaching Techniques	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000 and 1010 and 1060 and 1061									
		COURSE DESC:		Conducting safe, basic equestrian lessons.									
RHE	OUS	EQU	1070	Equine Nutrition	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Study of the equine digestive system, nutrient requirements of horses at various levels of performance, and problems associated with feeds and feeding practices.									
RHE	OUS	EQU	1071	Equine Evaluation and Selection	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000									
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	EQU	1071	Equine Evaluation and Selection	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000									
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	EQU	1071	Equine Evaluation and Selection	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000									
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	EQU	2000	Equine Industry Career and Leadership Development	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Development of leadership skills while focusing on career success. Exploration of equine-related careers and development of a professional resume. Activities related to professional growth and workplace skills will be a focus of the course.									
RHE	OUS	EQU	2000	Equine Industry Career and Leadership Development	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Development of leadership skills while focusing on career success. Exploration of equine-related careers and development of a professional resume. Activities related to professional growth and workplace skills will be a focus of the course.									
RHE	OUS	EQU	2001	Equine Evaluation and Judging	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Students demonstrate knowledge of the principles of equine evaluation and selection through skill application. Students practice evaluation methods through observation of a variety of horses. Students utilize knowledge of equine conformation relative to the intended use. Students explore career opportunities in competition through the study of licensure, certification, rules, regulations, procedures and scoring methods.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2001	Equine Evaluation and Judging	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Students demonstrate knowledge of the principles of equine evaluation and selection through skill application. Students practice evaluation methods through observation of a variety of horses. Students utilize knowledge of equine conformation relative to the intended use. Students explore career opportunities in competition through the study of licensure, certification, rules, regulations, procedures and scoring methods.									
RHE	OUS	EQU	2020	Equine Behavior and Welfare Issues	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the vital role equines have played in human survival. Exploration of welfare issues of responsible use, breeding, training, care, transport, and retirement of equines.									
RHE	OUS	EQU	2020	Equine Behavior and Welfare Issues	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the vital role equines have played in human survival. Exploration of welfare issues of responsible use, breeding, training, care, transport, and retirement of equines.									
RHE	OUS	EQU	2030	Farm Design and Stable Management	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BMT 1100 and EQU 1000 and 1010 and 1030 and 1040						
		COURSE DESC:		Opportunity to learn how to plan and design a commercial equine facility. Exposed to the incorporation of powered machinery and the total management of commercial equine facilities. Develop daily, weekly, monthly and yearly management plans for a commercial equine operation.									
RHE	OUS	EQU	2030	Farm Design and Stable Management	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BMT 1100 and EQU 1000 and 1010 and 1030 and 1040						
		COURSE DESC:		Opportunity to learn how to plan and design a commercial equine facility. Exposed to the incorporation of powered machinery and the total management of commercial equine facilities. Develop daily, weekly, monthly and yearly management plans for a commercial equine operation.									
RHE	OUS	EQU	2031	Equine Business Management	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ATCH 1030 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2037						
		COURSE DESC:		Study and practice of basic concepts, techniques, procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. Designed to integrate general business concepts with common practices in the horse industry. Topics include general business laws, equine law, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining a horse operation.									
RHE	OUS	EQU	2031	Equine Business Management	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	ATCH 1030 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2037						
		COURSE DESC:		Study and practice of basic concepts, techniques, procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. Designed to integrate general business concepts with common practices in the horse industry. Topics include general business laws, equine law, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining a horse operation.									
RHE	OUS	EQU	2033	Introduction to Economics for the Equine Business Owner/Manager	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The equine industry is now global yet made up of small, individually owned businesses supplying consumers with products and services. Course covers basic economic principles applied to the challenges of equine production, business, and income. Includes study of the reciprocal relationship between the equine industry and the rest of the economy.									
RHE	OUS	EQU	2033	Introduction to Economics for the Equine Business Owner/Manager	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The equine industry is now global yet made up of small, individually owned businesses supplying consumers with products and services. Course covers basic economic principles applied to the challenges of equine production, business, and income. Includes study of the reciprocal relationship between the equine industry and the rest of the economy.									
RHE	OUS	EQU	2034	Equine Marketing	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces the principles and theories of modern marketing for the commercial equine business, as well as effective marketing tools for reaching target markets. The course focuses on developing an effective marketing plan with an emphasis on sound marketing practices.									
RHE	OUS	EQU	2034	Equine Marketing	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Introduces the principles and theories of modern marketing for the commercial equine business, as well as effective marketing tools for reaching target markets. The course focuses on developing an effective marketing plan with an emphasis on sound marketing practices.									
RHE	OUS	EQU	2035	The Modern Equine Industry and the Impact of Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examination of equine-related businesses transitioning to the use of modern technology. Modern technology influences the areas of marketing, sales, veterinary care, competitions, and product development. Includes exploration of how equine industry professionals can incorporate technology for the betterment of their industry.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2035	The Modern Equine Industry and the Impact of Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Examination of equine-related businesses transitioning to the use of modern technology. Modern technology influences the areas of marketing, sales, veterinary care, competitions, and product development. Includes exploration of how equine industry professionals can incorporate technology for the betterment of their industry.									
RHE	OUS	EQU	2036	Equine Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to equine care and management principles in short term and long term planning. Students apply skills to improve existing equine operations through the identification of both equine and human needs.									
RHE	OUS	EQU	2036	Equine Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course introduces students to equine care and management principles in short term and long term planning. Students apply skills to improve existing equine operations through the identification of both equine and human needs.									
RHE	OUS	EQU	2037	Equine Business Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2031 Study of basic concepts, techniques, and procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. The course is designed to integrate general business concepts with common practices in the equine industry. Topics include business plans, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining an equine operation.									
RHE	OUS	EQU	2037	Equine Business Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2031 Study of basic concepts, techniques, and procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. The course is designed to integrate general business concepts with common practices in the equine industry. Topics include business plans, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining an equine operation.									
RHE	OUS	EQU	2040	Basic Horse Shoeing	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1010 and 1020 Shoeing and balancing of pleasure and performance horses, corrective trimming, hoof health, anatomy of the leg and foot, and blacksmithing as a business.									
RHE	OUS	EQU	2040	Basic Horse Shoeing	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1010 and 1020 Shoeing and balancing of pleasure and performance horses, corrective trimming, hoof health, anatomy of the leg and foot, and blacksmithing as a business.									
RHE	OUS	EQU	2040	Basic Horse Shoeing	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1010 and 1020 Shoeing and balancing of pleasure and performance horses, corrective trimming, hoof health, anatomy of the leg and foot, and blacksmithing as a business.									
RHE	OUS	EQU	2041	Comprehensive and Competitive Horse Judging	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1000 and 1071 Builds on experiences and knowledge gained in EQU 1071. Application of skills in competitive horse judging activities.									
RHE	OUS	EQU	2041	Comprehensive and Competitive Horse Judging	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1000 and 1071 Builds on experiences and knowledge gained in EQU 1071. Application of skills in competitive horse judging activities.									
RHE	OUS	EQU	2041	Comprehensive and Competitive Horse Judging	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 1000 and 1071 Builds on experiences and knowledge gained in EQU 1071. Application of skills in competitive horse judging activities.									
RHE	OUS	EQU	2042	Horse Show and Event Management	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 2031 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2043 Provides students with the necessary tools to organize any show, event, or clinic related to the equine industry. Major topics include planning, fundraising, financing, insurance, record keeping, and advertising. Utilization of principles to plan and operate a horse show and/or clinic for OU-Southern or associated organization.									
RHE	OUS	EQU	2042	Horse Show and Event Management	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		EQU 2031 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2043 Provides students with the necessary tools to organize any show, event, or clinic related to the equine industry. Major topics include planning, fundraising, financing, insurance, record keeping, and advertising. Utilization of principles to plan and operate a horse show and/or clinic for OU-Southern or associated organization.									

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RHE	OUS	EQU	2043	Equine Event Management	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2042							
		COURSE DESC:		This course provides an overview of components related to equine event management. Shows, clinics, sales, educational events, trade shows, and fundraising events are a multi-billion dollar part of the equine industry. Successful events are a result of the dedicated work of trained organizers.									
RHE	OUS	EQU	2043	Equine Event Management	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2042							
		COURSE DESC:		This course provides an overview of components related to equine event management. Shows, clinics, sales, educational events, trade shows, and fundraising events are a multi-billion dollar part of the equine industry. Successful events are a result of the dedicated work of trained organizers.									
RHE	OUS	EQU	2050	Ohio University Southern Equestrian Teams	LAB	LB	1	6		N	U20		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	(EQU 1060 or 1061) or concurrent							
		COURSE DESC:		Engage in weekly practice sessions, learn about appropriate show attire, gain experience in showing techniques, and, when enough experience is gained, prepare for actual competition.									
RHE	OUS	EQU	2060	Advanced Western Riding	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1060							
		COURSE DESC:		Experiences in western horsemanship at the advanced level. Introduces exercises to improve horse's athletic ability. Explores solutions to training issues with different horses. Opportunities to improve skills in balance and learn proper position at the walk, jog and lope. Develop skills in training the horse by recognizing training issues and using task analysis and problem solving skills to correct the horse and rider and/or trainer.									
RHE	OUS	EQU	2061	Advanced English Riding	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1061							
		COURSE DESC:		Further instruction on basic positioning for rider. Increased riding challenges are offered through advanced work. Includes riding transitions, training techniques, and rider exercises.									
RHE	OUS	EQU	2062	Equestrian Teaching Techniques Practicum	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(B or better EQU 1060 and 1061) and EQU 1020 and 1062							
		COURSE DESC:		Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2062	Equestrian Teaching Techniques Practicum	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(B or better EQU 1060 and 1061) and EQU 1020 and 1062							
		COURSE DESC:		Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2062	Equestrian Teaching Techniques Practicum	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(B or better EQU 1060 and 1061) and EQU 1020 and 1062							
		COURSE DESC:		Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2063	Evaluating and Training Horses	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EQU 1020 or 1060 or 1061 or 2060 or 2061) or concurrent							
		COURSE DESC:		Understanding natural horse behavior and how to work with the natural reactions to develop training plans that work. The training plan includes developing an evaluation plan that can be used to track the training progress of the horse.									
RHE	OUS	EQU	2063	Evaluating and Training Horses	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EQU 1020 or 1060 or 1061 or 2060 or 2061) or concurrent							
		COURSE DESC:		Understanding natural horse behavior and how to work with the natural reactions to develop training plans that work. The training plan includes developing an evaluation plan that can be used to track the training progress of the horse.									
RHE	OUS	EQU	2063	Evaluating and Training Horses	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EQU 1020 or 1060 or 1061 or 2060 or 2061) or concurrent							
		COURSE DESC:		Understanding natural horse behavior and how to work with the natural reactions to develop training plans that work. The training plan includes developing an evaluation plan that can be used to track the training progress of the horse.									
RHE	OUS	EQU	2071	Equine Anatomy and Physiology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOL 1010 and EQU 1010							
		COURSE DESC:		Study of the structure and functions of the horse through the various anatomical systems.									
RHE	OUS	EQU	2072	Equine Lameness and Conditioning	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1071 and 1020							
		COURSE DESC:		Basic understanding of the diagnosis and treatment of equine lameness.									
RHE	OUS	EQU	2072	Equine Lameness and Conditioning	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1071 and 1020							
		COURSE DESC:		Basic understanding of the diagnosis and treatment of equine lameness.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2073	Equine Reproduction	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070									
				Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	EQU	2073	Equine Reproduction	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070									
				Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	EQU	2073	Equine Reproduction	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070									
				Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	EQU	2074	Equine Veterinary Technology	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071									
				Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	EQU	2074	Equine Veterinary Technology	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071									
				Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	EQU	2074	Equine Veterinary Technology	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071									
				Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	EQU	2080	Therapeutic Riding: Overview and Instruction	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.									
RHE	OUS	EQU	2080	Therapeutic Riding: Overview and Instruction	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.									
RHE	OUS	EQU	2081	Administrative Aspects of Therapeutic Riding	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082									
				Provides information on administrative issues and aspects of therapeutic riding, the riding center, and overall management. Includes goal setting, strategic planning, legal issues, and working with boards.									
RHE	OUS	EQU	2081	Administrative Aspects of Therapeutic Riding	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082									
				Provides information on administrative issues and aspects of therapeutic riding, the riding center, and overall management. Includes goal setting, strategic planning, legal issues, and working with boards.									
RHE	OUS	EQU	2082	Development and Management of the Equine Non-profit Organization	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2081									
				Students explore the formation and management of an equine non-profit organization. These organizations are formed to solve problems existing within the equine industry.									
RHE	OUS	EQU	2082	Development and Management of the Equine Non-profit Organization	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2081									
				Students explore the formation and management of an equine non-profit organization. These organizations are formed to solve problems existing within the equine industry.									
RHE	OUS	EQU	2083	Equine Law	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the basic legal structure affecting equine business operations. Includes the study of laws related to contracts, torts, employment, and taxes.									
RHE	OUS	EQU	2083	Equine Law	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				Study of the basic legal structure affecting equine business operations. Includes the study of laws related to contracts, torts, employment, and taxes.									
RHE	OUS	EQU	2900	Special Topics in Equine Studies	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,									
				CR									
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2900	Special Topics in Equine Studies	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUS	EQU	2910	Equine Internship	INT	IN	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Practical experience in a specific area of equine studies pertinent to the individual's interests. Examples include working with breeders, trainers, farm and stable managers, riding instructors, breed associations or organizations, veterinarians, and related equine agencies.									
RHE	OUS	EQU	2990	Studies in Equine Issues	IND	IS	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of topics of current interest in the horse industry.									
RHE	OUS	EQU	2990	Studies in Equine Issues	LEC	LE	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR									
		COURSE DESC:		Study of topics of current interest in the horse industry.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	REAL	1010	Real Estate Principles and Practices	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Real property is basic resource with which real estate professionals work. Course includes, but is not limited to, land and its description, rights and interests in real estate, contract law and real estate contracts, title transfer, deeds, leases, financing and mortgages, taxes, home ownership, urban planning, brokerage operations, appraisal and value, applied real estate math, and Ohio requirements for real estate licenses.									
RHE	RHE	REAL	1010	Real Estate Principles and Practices	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Real property is basic resource with which real estate professionals work. Course includes, but is not limited to, land and its description, rights and interests in real estate, contract law and real estate contracts, title transfer, deeds, leases, financing and mortgages, taxes, home ownership, urban planning, brokerage operations, appraisal and value, applied real estate math, and Ohio requirements for real estate licenses.									
RHE	RHE	REAL	1030	Real Estate Law	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Includes all legal areas commonly concerned with typical real estate professional. Among topics covered are law of agency as applied to real estate brokers and sales personnel, law of fixtures, estates, conveyancing of real estate, mortgages and liens, license laws of Ohio, and zoning.									
RHE	RHE	REAL	1030	Real Estate Law	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Includes all legal areas commonly concerned with typical real estate professional. Among topics covered are law of agency as applied to real estate brokers and sales personnel, law of fixtures, estates, conveyancing of real estate, mortgages and liens, license laws of Ohio, and zoning.									
RHE	RHE	REAL	2010	Real Estate Appraising	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the field of real estate appraisal in Ohio. Introduces the function of the appraisal profession, licensing requirements in Ohio, process of real estate appraisal, and primary methods used to appraise real estate.									
RHE	RHE	REAL	2010	Real Estate Appraising	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Overview of the field of real estate appraisal in Ohio. Introduces the function of the appraisal profession, licensing requirements in Ohio, process of real estate appraisal, and primary methods used to appraise real estate.									
RHE	RHE	REAL	2040	Real Estate Finance	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Introduces the essential elements of real estate finance, including the current real estate market, types and sources of real estate loans, how to obtain a real estate loan, the foreclosure process in Ohio, the role and function of the secondary market, government involvement in real estate finance, construction and development lending, and commercial real estate loans.									
RHE	RHE	REAL	2040	Real Estate Finance	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Introduces the essential elements of real estate finance, including the current real estate market, types and sources of real estate loans, how to obtain a real estate loan, the foreclosure process in Ohio, the role and function of the secondary market, government involvement in real estate finance, construction and development lending, and commercial real estate loans.									
RHE	RHE	REAL	2210	Real Estate--Special Topics	LEC	EL	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 2040						
		COURSE DESC:		Special topics in real estate. Areas addressed could include professionalism, ethics, salesmanship, human relations, or F.H.A. and V.A. financing. Real estate office, advertising, building construction and materials, current issues, and problems facing real estate professional may also be considered.									
RHE	RHE	REAL	2210	Real Estate--Special Topics	LEC	LE	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	REAL 2040						
		COURSE DESC:		Special topics in real estate. Areas addressed could include professionalism, ethics, salesmanship, human relations, or F.H.A. and V.A. financing. Real estate office, advertising, building construction and materials, current issues, and problems facing real estate professional may also be considered.									
RHE	RHE	REAL	2900	Special Topics in Real Estate	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
RHE	RHE	REAL	2900	Special Topics in Real Estate	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
RHE	RHE	SAM	1000	Entrepreneurial Accounting	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Accounting course will include recording, reporting, and measuring business transactions. The course will focus on using accounting information for strategic planning and decision-making in business organizations. Topics covered include preparation and analysis of financial statements, budgeting, break-even analysis, and time value of money.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	SAM	1000	Entrepreneurial Accounting	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Accounting course will include recording, reporting, and measuring business transactions. The course will focus on using accounting information for strategic planning and decision-making in business organizations. Topics covered include preparation and analysis of financial statements, budgeting, break-even analysis, and time value of money.									
RHE	RHE	SAM	3000	Managing Systems and Projects	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The course provides a broad view of Management Information Systems (MIS) by integrating business and information systems perspectives. The course focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations, and business in general.									
RHE	RHE	SAM	3000	Managing Systems and Projects	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The course provides a broad view of Management Information Systems (MIS) by integrating business and information systems perspectives. The course focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations, and business in general.									
RHE	RHE	SAM	3010	Managing Processes and Supply Chains	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr The course will provide a conceptual understanding of the operations function, which includes: product/process design, facility location, and capacity planning. The course will demonstrate how operations management provides a product or service with higher quality and at a lower cost than competition.									
RHE	RHE	SAM	3010	Managing Processes and Supply Chains	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr The course will provide a conceptual understanding of the operations function, which includes: product/process design, facility location, and capacity planning. The course will demonstrate how operations management provides a product or service with higher quality and at a lower cost than competition.									
RHE	RHE	SAM	3020	Consumer Marketing	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The purpose of this course is to teach the students effective marketing tools for reaching consumers. The course will focus on how managers use the marketing mix to reach target markets and position products. The students will gain the knowledge necessary to conduct market research, how to develop a consumer survey.									
RHE	RHE	SAM	3020	Consumer Marketing	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The purpose of this course is to teach the students effective marketing tools for reaching consumers. The course will focus on how managers use the marketing mix to reach target markets and position products. The students will gain the knowledge necessary to conduct market research, how to develop a consumer survey.									
RHE	RHE	SAM	3050	Supervision Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Supervisory Management is an introduction to the field of management at the supervisory level which includes the functions and roles of management in organizations.									
RHE	RHE	SAM	3050	Supervision Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Supervisory Management is an introduction to the field of management at the supervisory level which includes the functions and roles of management in organizations.									
RHE	RHE	SAM	3100	Foundations of Financial Management	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr A corporate finance course which will implement a profit-maximizing approach to investing, financing, and managerial decisions of a firm. The principles used apply equally to not-for-profit organizations and personal finances. Major topics include financial goals of a firm, financial mathematics, financial statement analysis, financial asset valuation, capital budgeting, risk and return, and cost of capital.									
RHE	RHE	SAM	3100	Foundations of Financial Management	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr A corporate finance course which will implement a profit-maximizing approach to investing, financing, and managerial decisions of a firm. The principles used apply equally to not-for-profit organizations and personal finances. Major topics include financial goals of a firm, financial mathematics, financial statement analysis, financial asset valuation, capital budgeting, risk and return, and cost of capital.									
RHE	RHE	SAM	3250J	Strategic Managerial Communication	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (Jr or Sr) Strategic managerial communication is a writing enriched course that provides opportunities to practice and improve written communication skills, which are appropriate for career success. This course begins with the assumption the student has competency in basic business form and format for professional communication such as letters, memoranda, reports, and presentations.									
RHE	RHE	SAM	3250J	Strategic Managerial Communication	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (Jr or Sr) Strategic managerial communication is a writing enriched course that provides opportunities to practice and improve written communication skills, which are appropriate for career success. This course begins with the assumption the student has competency in basic business form and format for professional communication such as letters, memoranda, reports, and presentations.									

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	SAM	3910	Internship	INT	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		The purpose of the course is to provide students with a format for reflection while they perform a professional internship. The internship will enhance the student's ability to achieve their personal career objectives. Also, the internship experience will provide opportunities for participation in day-to-day activities of a business concern for 15 consecutive weeks. (Intended for experience)									
RHE	RHE	SAM	3910	Internship	INT	IN	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		The purpose of the course is to provide students with a format for reflection while they perform a professional internship. The internship will enhance the student's ability to achieve their personal career objectives. Also, the internship experience will provide opportunities for participation in day-to-day activities of a business concern for 15 consecutive weeks. (Intended for experience)									
RHE	RHE	SAM	4700	Managing Strategically in the Future	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SAM 3010 and 3100 and Sr							
		COURSE DESC:		The course is intended to be a capstone course. The course centers around the theme that a company achieves sustained success if its managers (1) formulate an astute game plan (2) implement and execute the game plan with proficiency. The course will prove how and why doing an effective job of strategy formulation and strategy implementation produces good business performance. In studying the tasks of strategic management, the course will integrate the knowledge students have gained from previous courses. Strategic management requires dealing with many variables and situational factors at one time. The students will be able to weigh the pros and cons of what strategy entails: a total enterprise perspective and a talent of judging how all of the relevant factors add up to shape the actions needed to take place in a business.									
RHE	RHE	SAM	4700	Managing Strategically in the Future	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SAM 3010 and 3100 and Sr							
		COURSE DESC:		The course is intended to be a capstone course. The course centers around the theme that a company achieves sustained success if its managers (1) formulate an astute game plan (2) implement and execute the game plan with proficiency. The course will prove how and why doing an effective job of strategy formulation and strategy implementation produces good business performance. In studying the tasks of strategic management, the course will integrate the knowledge students have gained from previous courses. Strategic management requires dealing with many variables and situational factors at one time. The students will be able to weigh the pros and cons of what strategy entails: a total enterprise perspective and a talent of judging how all of the relevant factors add up to shape the actions needed to take place in a business.									
RHE	RHE	SAM	4900	Special Topics Science in Applied Management	LEC	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Specific business course content will vary with offering of the course.									
RHE	RHE	SAM	4900	Special Topics Science in Applied Management	LEC	LE	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Specific business course content will vary with offering of the course.									
RHE	RHE	SLS	2000	Sport and Physical Activity Skill Development	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course will focus on the development of fundamental movement skills and game leadership abilities needed to work in the field of sport and physical activity. Topics will include fundamental motor patterns, movement skill progression, promoting participation, group development, leadership styles, and guidelines for an active lifestyle. Lab activities will require active participation and leadership of sport and game activities as well as individual skill demonstration.									
RHE	RHE	SLS	2000	Sport and Physical Activity Skill Development	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course will focus on the development of fundamental movement skills and game leadership abilities needed to work in the field of sport and physical activity. Topics will include fundamental motor patterns, movement skill progression, promoting participation, group development, leadership styles, and guidelines for an active lifestyle. Lab activities will require active participation and leadership of sport and game activities as well as individual skill demonstration.									
RHE	RHE	SLS	3010	Ethics and Risk Management in Sport and Physical Activity	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and REC 2150							
		COURSE DESC:		This course will address safety and risk management principles and practices related to sport and physical activity programs. Viewpoints for the participant and sponsoring agency will be examined. Liability, negligence law and merging ethical issues that may be encountered in the field of community sport, recreation and leisure services will be discussed.									
RHE	RHE	SLS	3010	Ethics and Risk Management in Sport and Physical Activity	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and REC 2150							
		COURSE DESC:		This course will address safety and risk management principles and practices related to sport and physical activity programs. Viewpoints for the participant and sponsoring agency will be examined. Liability, negligence law and merging ethical issues that may be encountered in the field of community sport, recreation and leisure services will be discussed.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	SLS	3900	Professional Development in Sport and Lifestyle Studies	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SLS Major and (jr or sr)									
				Emphasizes the importance of professional development in the field of sport and physical activity. Focuses on importance of continuing education and resource utilization to remain current and competent in the evolving discipline. Provides students with guidance in navigating career opportunities and advancement; and transitioning throughout their professional career pathway.									
RHE	RHE	SLS	3900	Professional Development in Sport and Lifestyle Studies	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: SLS Major and (jr or sr)									
				Emphasizes the importance of professional development in the field of sport and physical activity. Focuses on importance of continuing education and resource utilization to remain current and competent in the evolving discipline. Provides students with guidance in navigating career opportunities and advancement; and transitioning throughout their professional career pathway.									
RHE	RHE	SLS	4500	Capstone in Sport and Lifestyle Studies	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Senior in SLS major									
				This class will serve as a capstone experience for the Sport and Lifestyle Studies major. Students will assimilate materials from previous coursework toward the development of a portfolio. Students will demonstrate their potential contribution to the professional field utilizing a synthesis of prior learning experiences in the development of an extensive service-learning project. The course will challenge students to think critically about a wide variety of complex issues and concepts relevant to the discipline and its future.									
RHE	RHE	SLS	4500	Capstone in Sport and Lifestyle Studies	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: Senior in SLS major									
				This class will serve as a capstone experience for the Sport and Lifestyle Studies major. Students will assimilate materials from previous coursework toward the development of a portfolio. Students will demonstrate their potential contribution to the professional field utilizing a synthesis of prior learning experiences in the development of an extensive service-learning project. The course will challenge students to think critically about a wide variety of complex issues and concepts relevant to the discipline and its future.									
RHE	RHE	T3	4955	Police Legitimacy and Community Relations	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: PSY 1010 and Sr									
				This interdisciplinary course uses psychological theory and evidence based practices to demonstrate actionable plans to enhance police legitimacy and community relations. This course will integrate concepts from psychology, criminal justice, and organizational communication to provide students a well-rounded view of how of an informed citizenry interacts with law enforcement agencies. Students will learn how aspects of social justice theory, organizational communication, and criminal justice are interrelated, and will synthesize and apply these ideas to become a more informed and engaged citizen. Students will understand the challenges of modern policing, analyze historic and current challenges to police legitimacy, as well as the vital role that community involvement can play in developing policy and best practices. By creating policy memos and action plans based on knowledge attained through their studies, students will develop skills to evaluate current policing tactics and methods, and the role that an engaged community plays police legitimacy.									
RHE	RHE	TAS	3010	Introduction to Technical and Applied Studies	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course introduces technical associate degree holders to professional studies through an examination of program requirements and goals. It also begins a discussion on the research process. The effectiveness of practices in both leadership and in the workplace is evaluated. Within that context, students are introduced to various technological and ethical practices as well as examining the importance of collaboration and diversity in today's workplace.									
RHE	RHE	TAS	3010	Introduction to Technical and Applied Studies	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course introduces technical associate degree holders to professional studies through an examination of program requirements and goals. It also begins a discussion on the research process. The effectiveness of practices in both leadership and in the workplace is evaluated. Within that context, students are introduced to various technological and ethical practices as well as examining the importance of collaboration and diversity in today's workplace.									
RHE	RHE	TAS	3110	Diversity, Ethics, and Collaboration	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course covers components of developing healthy relationships particularly in the workplace. The course focuses on developing the individual as an ethical worker, on developing relationships with others to focus on teamwork, and on developing understanding of diversity in order to value the advantage it brings to work and life. In today's culturally diverse world, positive human interactions are key to success.									
RHE	RHE	TAS	3210	Research for Technical and Applied Studies	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE: TAS 3010 and (ATCH 2090 or MATH 2500 or MATH 250 or PSY 1110 or 2110 or QBA 2010) and one Tier I English junior-level composition course									
				This course emphasizes both an understanding of research methods and the development of the critical skills necessary to interpret and to convey research results. Students conduct a significant research proposal and demonstrate understanding of the importance of research to their careers.									
RHE	RHE	TAS	4020	Creating a Work and Life Plan	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F									
		COURSE DESC:		REQUISITE:									
				This course encourages students to create a work and life plan that integrates previous work and education with their future personal and professional goals.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	TAS	4040	Ethics and Organizational Social Responsibility	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The globalization of organizations along with greater advances in technology increases the complexity of ethical decision making. Every organization has the potential to impact society (positive or negative). This interface between organizations and society is the concern of organizational social responsibility (OSR). The purpose of this course is to explore the dynamics of this interface. The review provides the student with an opportunity to explore the positive and negative impacts these organizations have on our society and identify strategies to implement OSR.									
RHE	RHE	TAS	4110	Leadership and Workplace Effectiveness	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		Covering contemporary workplace effectiveness that guides individual, team, and workplace change, this course explores all aspects of workplace effectiveness/organizational development. Providing insight into what is driving leadership theory and practice today, it assists students in developing their leadership expertise.									
RHE	RHE	TAS	4140	Workplace Interactions in a Diverse Society	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		In today's culturally diverse world, workplace success requires appreciating and understanding cultural differences. This course covers components of developing effective relationships in the cross cultural workplace and focuses on understanding cultural differences.									
RHE	RHE	TAS	4240	Technology and Research in the Workforce	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The impact of technology on culture and industries is rapid and disruptive. A historical overview of the development of various technologies and their influence on western civilization leads to the consideration of the nature of technology and its many societal functions including its impact on organizations. Consideration is also given to addressing a technology induced problem in the workplace.									
RHE	RHE	TAS	4340	Applied Leadership in the Workplace	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course allows students to complete a behavioral self-examination of their leadership styles and understand how to apply that style in a successful manner in the workplace.									
RHE	RHE	TAS	4440	Collaboration in the Workplace	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course explores the advantages and disadvantages of collaboration particularly in the workplace. It examines the elements that comprise effective collaborations and encourages students to recognize their strengths and weaknesses in a given situation.									
RHE	RHE	TAS	4510	Technical and Applied Studies Capstone Seminar	SEM	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	TAS 3210 and Sr only						
		COURSE DESC:		A capstone experience for the BTAS degree, this course requires integration and application of professional knowledge, critical thinking and analysis skills, and technologies in order to demonstrate understanding of the 21st century workforce culture.									
RHE	RHE	TAS	4510	Technical and Applied Studies Capstone Seminar	SEM	SE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	TAS 3210 and Sr only						
		COURSE DESC:		A capstone experience for the BTAS degree, this course requires integration and application of professional knowledge, critical thinking and analysis skills, and technologies in order to demonstrate understanding of the 21st century workforce culture.									
RHE	RHE	TAS	4900	Special Topics in Technical and Applies Studies	LEC	EL	1 to 15	999		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									
RHE	RHE	TAS	4900	Special Topics in Technical and Applies Studies	LEC	LE	1 to 15	999		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	AST	AST	1010	Introduction to the U.S. Air Force	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Designed to introduce students to the United States Air Force and AFROTC. Topics include mission and organization or the Air Force, officership and professionalism, and military customs and courtesies.									
UNC	AST	AST	1010L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		AST 1010 concurrent Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	1020	Air Force Missions	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of AST 1010. Introduces students to opportunities in the Air Force in regards to benefits and career classifications. Introduces students to important concepts of professionalism, leadership, and war (theory/doctrine). Continues to build on military communication skills of briefing and writing.									
UNC	AST	AST	1020	Air Force Missions	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Continuation of AST 1010. Introduces students to opportunities in the Air Force in regards to benefits and career classifications. Introduces students to important concepts of professionalism, leadership, and war (theory/doctrine). Continues to build on military communication skills of briefing and writing.									
UNC	AST	AST	1020L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		AST 1020 concurrent Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	2010	History of Air Power	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History and development of air power in the U.S. from the Wright Brothers' first flight to the conclusion of WW II and introduction to the cold war.									
UNC	AST	AST	2010	History of Air Power	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History and development of air power in the U.S. from the Wright Brothers' first flight to the conclusion of WW II and introduction to the cold war.									
UNC	AST	AST	2010L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		AST 2010 concurrent Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	2020	Air Power Today	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		History and development of USAF air power from the beginning of the Cold War to Vietnam. Changing mission of defense establishment: how air power is employed in military, nonmilitary, and strategic operations. History and development of the USAF air power from the Persian Gulf War to the War on Terrorism.									
UNC	AST	AST	2020L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		AST 2020 concurrent Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	2900	Special Topics in Aerospace Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	AST	AST	2900	Special Topics in Aerospace Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	AST	AST	2910	Field Training	COP	CO	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:									
		COURSE DESC:		PR, F Field training experience at various U.S. locations for military training and indoctrination through practical application of common military customs and courtesies. A mandatory requirement to advance in the AFROTC program as a cadet officer.									
UNC	AST	AST	3010	Management Concepts and Practices I	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		Military professionalism and leadership theory; strengths and weaknesses of various leadership styles; review of responsibilities, authority, and functions of Air Force officers. Development of communication and leadership skills.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	AST	AST	3010L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 3010 concurrent PR, F									
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	3020	Military Professionalism and Leadership Theory	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AST 3010									
		COURSE DESC:		Review of selected concepts, principles, and theories of management as applied in the Air Force. Continued development of communication and leadership skills.									
UNC	AST	AST	3020L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 3020 concurrent PR, F									
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	3910	Advanced Field Training	COP	CO	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 3020 and 3020L PR, F									
		COURSE DESC:		Field training experience at various U.S. locations to act as a cadet instructor, assisting officers in the training and evaluating of cadet trainees for their fitness to become cadet officers.									
UNC	AST	AST	4010	The Military and the American Society	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AST 3020									
		COURSE DESC:		Study of the military and the professional soldier in democratic society and the military as a socializing institution. Cultural immersion, provides a better understanding of cultures around the world. Prepares future military officer with tools to understand the world better and is complete with guest speakers. Communicative skills via student oral presentations and written reports emphasized.									
UNC	AST	AST	4010L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 4010 concurrent PR, F									
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	4020	Strategy and the Use of Force: American Defense Policymaking	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AST 4010									
		COURSE DESC:		Cultural immersion, provides a better understanding of cultures around the world. Organization and case studies in defense policy-making and bureaucratic decision-making and preparation for active duty. Continues communicative skills and techniques of leadership. Examines military law and topics preparing officer candidates for active duty. Prepares future military officer with tools to understand the world better.									
UNC	AST	AST	4020L	Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 4020 concurrent PR, F									
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	AST	4900	Special Topics in Aerospace Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
UNC	AST	AST	4900	Special Topics in Aerospace Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	1010	Fundamental Military Leadership Concepts ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Broad overview of the U.S. Army as an institution of the U.S. Government. Introductory course to the Army's Reserve Officers Training Corps (ROTC) and an overview of the curriculum that can lead to a commission as an officer in the U.S. Army. Includes instruction on basic drill, customs and courtesies, problem solving, time management, Army values, rank structure, health and fitness, goal setting, stress management, and map reading. Teaches the fundamentals of leadership in a profession in both classroom and outdoor environment. Optional opportunities: two-hour lab (1010L), participation in physical fitness sessions. No military obligation incurred.	LEC	LE	1	0		N	U10		0
UNC	MSC	MSC	1010L	Leadership Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 1000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of basic soldier skills and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	MSC	1020	Fundamental Military Concepts and Basic Leadership ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Continuation of select basic soldier skills (1010, 1010L) that are essential to the Army's ability to win on the modern battlefield. Instruction on military map reading and land navigation, introduction to small unit tactics with emphasis on movement techniques, squad operations orders and the Army's after action review process. Also teaches goal setting, problem solving, written communication skills, presentation skills, and the Army's core leadership competencies. Optional opportunities: Two-hour lab (1020L), participation in physical fitness sessions. No military obligation incurred.	LEC	LE	1	0		N	U10		0
UNC	MSC	MSC	1020L	Leadership Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 1000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of basic soldier skills and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	MSC	2010	Tactics and Leadership ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Course continues instruction in basic skills by applying teamwork as a small group. Teaches the fundamentals of land navigation, team building, problem solving, squad movement, Army Values, and field-craft. Enhances survival awareness through lectures, films, and participation. Introduces skills in effective briefing and writing. Teaches leadership skills in interpersonal communications, adaptivity, group dynamics, and leadership/behavior theory. Focuses students on planning for projects from start to finish using Troop Leading Procedures and Operations Orders. A two-hour optional Leadership Lab, MSC 2010L, one day a week is available.	LEC	LE	2	0		N	U30		0
UNC	MSC	MSC	2010L	Leadership Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 2000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	MSC	2020	Advanced Military Leadership ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Course builds upon knowledge gained in MSC 2010. Further developing student's understanding of military leadership and leadership techniques. Topics discussed include the principles of war, warrior ethos and the army values. Students are introduced to the eight troop leading procedures and the squad orders process. Students continue to develop their map reading and land navigation skills through classroom practical exercises. Course also covers time management, terrorism awareness, team goal setting, and problem solving techniques. Students learn the basics of problem solving and operations execution from beginning to completion. Leadership traits and styles are covered with a capstone presentation and self analysis prior to the end of the course. Teaches the basic duties of the commissioned and non-commissioned officer. Some classes may be held outdoors. A two-hour optional Leadership Laboratory, MSC 2020L, is held once a week.	LEC	LE	2	0		N	U10		0
UNC	MSC	MSC	2020L	Leadership Laboratory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 2000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	MSC	2900	Special Topics in Military Science ELIGIBLE GRADES: GEC3: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U10		0
UNC	MSC	MSC	2900	Special Topics in Military Science ELIGIBLE GRADES: GEC3: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U10		0

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	2910	Leader's Training Course (LTC)	INT	IN	4	0		I	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and Soph only									
		COURSE DESC:		Leader's Training Course (LTC) is four weeks of intense classroom and field training held in the summer at Fort Knox, Kentucky. By transforming yourself through this rigorous training, you will qualify for enrollment in the Army ROTC Advanced Course. At LTC you experience the Army firsthand by developing your potential in the most important of ways-mentally, physically and emotionally. You will be grouped into squads where you will gain experience in all leadership roles-culminating in verbal and written feedback on your improvement. You will also receive a stipend, transportation to and from Fort Knox, housing and meals. The first phase begins with Physical Training (PT) and Drill and Ceremony (D&C) which instill self-discipline and prepare you for the rigors and challenges of the upcoming weeks. The second phase builds on the basics Cadets have learned by extending into adventure training in the field. Combat Water Survival Training, rappelling, land navigation and marksmanship training provide physical challenges that test Cadets individually while developing teamwork skills. In the third phase, Cadets learn squad-level operations by taking part in demanding field exercises.									
UNC	MSC	MSC	3010	Small Unit Leadership And Operations I	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required									
		COURSE DESC:		Explores the theory of managing, group dynamics, and leading small military units with an emphasis on practical applications at the squad and platoon levels. Students will have a strong understanding of structure, process, and behaviors required of leadership. Examines various leadership styles and techniques as they relate to advanced small unit tactics and problem solving. Familiarizes students with a variety of topics such as land navigation, field craft, five battle drills, troop leading procedures, operations orders, risk management, and weapons systems. Involves multiple, evaluated leadership opportunities in field settings and hands-on experience. Students will also need to brief superior and subordinates on a wide range of topics. Students are given maximum leadership opportunities in weekly labs. A two-hour per week lab, three one-hour sessions of physical training a week, and a weekend field training exercise are required.									
UNC	MSC	MSC	3010L	Advanced Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 3010 concurrent									
		COURSE DESC:		Two-hour lab designed to reinforce skills learned in MSC 3000 level courses. Labs are mainly conducted at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by leading squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges and Wayne National Forest.									
UNC	MSC	MSC	3020	Small Unit Leadership and Operations II	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and MSC 3010 and Jr only									
		COURSE DESC:		Studies theoretical and practical applications of small unit leadership principles. Focuses on managing personnel and resources, the military decision making process, the operations order, and oral communications. The student will also continue to improve his/her problem solving skills, motivation techniques, team dynamics, and situational leadership. This course will expand the student's knowledge in land navigation, Patrolling, Patrol Base Operations, and the Principles of War. Exposes the student to tactical unit leadership in a variety of environments with a focus on preparation for the LDAC experience. A two-hour per week lab, three one-hour sessions of physical training a week, and a weekend field training exercise are required parts of the course.									
UNC	MSC	MSC	3020L	Advanced Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 3020 concurrent									
		COURSE DESC:		Two-hour lab designed to reinforce skills learned in MSC 3000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by leading squad based tactical exercises and the field leadership reaction course. Cadets transition from leading squad based exercises to platoon operations. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges and Wayne National Forest.									
UNC	MSC	MSC	3910	Leader Development and Assessment Course	INT	IN	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: MSC 3020									
		COURSE DESC:		CR The mission of the Leader Development and Assessment Course (LDAC) is to train U.S. Army ROTC Cadets to Army standards and to develop leadership and evaluate officer potential. This is accomplished through a tiered training structure using light infantry tactics as the instructional medium over a 28 day period. The Warrior Forge training program is sequential and progressive. It starts with individual training and leads to collective training, building from simple to complex tasks. This building-block approach permits integration of previously-learned skills into follow-on training. This logical, common-sense training sequence is maintained for each training cycle. Every day at LDAC is a day of training. Some of the major training events include the Army Physical Fitness Test, land navigation, weapons training, confidence building, and small unit leadership evaluations.									
UNC	MSC	MSC	4010	Military Leadership, Management, and Ethics	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 3020									
		COURSE DESC:		Course develops future officers in many areas including leadership, personal development, values and ethics, officership, and tactics and techniques. The students will develop and execute training from beginning to completion to include reviewing for future improvement. Students will work on problem solving, career management, leadership development, ethics through scenarios, and the military decision making process. Communication will be a major focus in the areas of counseling, instructing, briefing, writing and evaluations. Students will learn about the military justice systems and administrative tools that can be used for discipline. Outside the classroom all of the areas will be developed through assigned duties in the Cadet chain of command as well as planning and leading the activities of the Corps of Cadets to include physical training, military science lab, and special events. A leadership lab, MSC 4010L, plus participation in three one-hour sessions for personal and organizational physical fitness are required.									
UNC	MSC	MSC	4010L	Advanced Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 4010 concurrent									
		COURSE DESC:		Two-hour lab designed to reinforce skills learned in MSC courses. Labs are mainly conducted at the Ridges but may also take place in classrooms. Senior Cadets plan, prepare and execute all training events conducted. Fourth year Cadets serve as the instructors, leading the all Cadets in practical exercises on small unit tactics, land navigation, patrolling and the field leaders reaction course. The Senior Cadets also serve as graders, evaluating the performance of the all Cadets in leadership positions. Lab allows Senior Cadets to exercise their leadership skills by instructing, evaluating and mentoring the subordinate Cadets.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	4020	Military Leadership, Management, Ethics, and Law	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 4010									
		COURSE DESC:		Continuation of MSC 4010. Increased emphasis on critical thinking skills and ability to quickly identify and resolve complex leadership issues. Discussions and exercises to improve communication and networking skills while increasing knowledge of student's area of focus in the U.S. Army. Topics include career management, OER/NCOER /resume writing, unit letters of introduction/cover letters, interviewing, goal setting, presentation skills, public relations, and officership. Students will also learn force protection, battle analysis, combat lifesaving techniques, and supply/maintenance management. Students will also learn about dealing with agencies and countries outside the U.S., equal opportunity in the workplace, the prevention of sexual harassment, and financial management. Outside the classroom all of the areas will be developed through assigned duties in the Cadet chain of command as well as planning and leading the activities of the Corps of Cadets to include physical training, Military Science Lab, and special events. A required Leadership Lab (MSC 4020L), a battlefield staff ride, and participation in three one-hour sessions for personal and organizational physical fitness will be conducted.									
UNC	MSC	MSC	4020L	Advanced Leadership Laboratory	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 4020 concurrent									
		COURSE DESC:		Two-hour lab designed to reinforce skills learned in MSC courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Senior Cadets plan, prepare and execute all training events conducted. Fourth year Cadets serve as the instructors, leading all Cadets in practical exercises on small unit tactics, land navigation, patrolling and the field leaders reaction course. The Senior Cadets also serve as graders, evaluating the performance of all Cadets in leadership positions. Lab allows Senior Cadets to exercise their leadership skills by instructing, evaluating and mentoring the subordinate Cadets.									
UNC	MSC	MSC	4900	Special Topics in Military Science	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
UNC	MSC	MSC	4900	Special Topics in Military Science	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Specific course content will vary with offering.									
UNC	MSC	MSC	4930	Special Problems	IND	IS	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR									
		COURSE DESC:		Provides continuing military education on individual basis. Provides advanced and specialized training depending upon needs of individual and department. Outcome goals will be developed by the professor of Military Science and the individual student based on the requirements of the program.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	SPST	SPST	4250	Senior Seminar	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BSS major and Sr only						
		COURSE DESC:		Seminar for Bachelor of Specialized Studies seniors, examining opportunities, challenges, and issues of the 21st- century workforce, and issues relevant to post-graduation success. Includes engaging in self-assessment, reflection, and analysis of degree program, and developing knowledge of job search strategies and professionalism.									
UNC	SPST	SPST	4250	Senior Seminar	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	BSS major and Sr only						
		COURSE DESC:		Seminar for Bachelor of Specialized Studies seniors, examining opportunities, challenges, and issues of the 21st- century workforce, and issues relevant to post-graduation success. Includes engaging in self-assessment, reflection, and analysis of degree program, and developing knowledge of job search strategies and professionalism.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	CJ	2000	Introduction to Criminal Justice Studies	LEC	LE	1	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course introduces undergraduate criminal justice students to their major and prepares them to be successful in the program. Students complete a number of assignments relating to their major and advancing in their chosen career fields. Topics include presentation of self, career exploration and development, research and writing skills, enhancement of critical thinking and study skills. This course is recommended to students once they have been admitted into the criminal justice program, but can also be taken by pre-criminal justice majors.									
UNC	UNC	CJ	4800	Drugs, Crime, and Society	LEC	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		This course examines the relationship between drug use and crime in American society. It serves as a synthesis of the abuse of drugs and the societal consequences in relation to crime and the criminal justice system. In this course students examine the attributes of the people who use drugs, the social dynamics that influence legality, and the norms and characteristics of the society in which the substance use occurs. We conduct an examination of drug use and crime at the micro, meso, and macro levels of analysis. In particular, students gain an understanding of the nexus between individual use, crime, and systematic violence tied to criminal organizations that sell and traffic drugs. Students move beyond U.S. borders and explore drug trafficking and global politics. Prevention, intervention, and treatment tactics used in the U.S. criminal justice system are explored and critiqued. Finally, public policy concerning drug related issues are examined.									
UNC	UNC	SPST	4900	Special Topics in Specialized Studies	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	SPST	4900	Special Topics in Specialized Studies	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	SPST	4910	Internship	INT	EL	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		Provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.									
UNC	UNC	SPST	4910	Internship	INT	IN	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		Provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.									
UNC	UNC	SPST	4940H	Honors Thesis	RSC	RS	1 to 4	12		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:								
		COURSE DESC:		Work on research or creative project for thesis. Intended for students who plan to graduate with B.S.S. departmental honors.									
UNC	UNC	UC	D998	College Reading Skills	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Focuses on active reading and study reading techniques, such as summarizing main ideas, organizing textbook content, understanding inference and point of view, adjusting reading rate, expanding vocabulary, and developing critical thinking skills. Course content moves from shorter passages to longer selections and emphasizes practice and application of skills. Recommended for new students with less than a 21 on the ACT Reading section or SAT verbal score below 495.									
UNC	UNC	UC	D998	College Reading Skills	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		Focuses on active reading and study reading techniques, such as summarizing main ideas, organizing textbook content, understanding inference and point of view, adjusting reading rate, expanding vocabulary, and developing critical thinking skills. Course content moves from shorter passages to longer selections and emphasizes practice and application of skills. Recommended for new students with less than a 21 on the ACT Reading section or SAT verbal score below 495.									
UNC	UNC	UC	1000	Mastering the University Experience	SEM	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The purpose of University College 1000 is to assist new students in making a successful transition to Ohio University, both academically and personally. Aims to foster a sense of belonging, promote engagement in the curricular and co-curricular life of the university, encourage self responsibility, and articulate to students the expectations and values of the University. Also seeks to help students develop and apply appropriate learning strategies; enhance their critical thinking and communication skills; and explore their interests, abilities, values, and options related to their choice of a major and career.									
UNC	UNC	UC	1000	Mastering the University Experience	SEM	SE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:								
		COURSE DESC:		The purpose of University College 1000 is to assist new students in making a successful transition to Ohio University, both academically and personally. Aims to foster a sense of belonging, promote engagement in the curricular and co-curricular life of the university, encourage self responsibility, and articulate to students the expectations and values of the University. Also seeks to help students develop and apply appropriate learning strategies; enhance their critical thinking and communication skills; and explore their interests, abilities, values, and options related to their choice of a major and career.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UC	1050	College Information Seeking Skills	SEM	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Finding, using, and evaluating information sources for undergraduate research. Includes narrowing a topic for an academic audience, concepts of indexing, and Boolean database searching. Hands-on lab approach with final bibliography tied to work in another class.									
UNC	UNC	UC	1050	College Information Seeking Skills	SEM	SE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Finding, using, and evaluating information sources for undergraduate research. Includes narrowing a topic for an academic audience, concepts of indexing, and Boolean database searching. Hands-on lab approach with final bibliography tied to work in another class.									
UNC	UNC	UC	1060	Academic Computing Skills	LAB	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Fr only									
		COURSE DESC:		The purpose is to provide students with hands-on experience ranging from basic computational applications to advanced computational application skills necessary to successfully enhance their educational experience while at Ohio University and beyond. Students will learn how to use different types of technology found in educational settings to develop and enhance their computational skills. This includes hardware basic peripherals, productivity applications (Microsoft Office Suite), Internet Search for Credible Sources, managing their oak storage, multimedia skills, Email and Social Networking Etiquette, and Web technology (Wikis, Blogs, etc.). The class will be designed to meet the NETS (National Education Technology Standards) for Teachers 2008 (http://www.iste.org/AM/Template.cfm?Section=NETS).									
UNC	UNC	UC	1060	Academic Computing Skills	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Fr only									
		COURSE DESC:		The purpose is to provide students with hands-on experience ranging from basic computational applications to advanced computational application skills necessary to successfully enhance their educational experience while at Ohio University and beyond. Students will learn how to use different types of technology found in educational settings to develop and enhance their computational skills. This includes hardware basic peripherals, productivity applications (Microsoft Office Suite), Internet Search for Credible Sources, managing their oak storage, multimedia skills, Email and Social Networking Etiquette, and Web technology (Wikis, Blogs, etc.). The class will be designed to meet the NETS (National Education Technology Standards) for Teachers 2008 (http://www.iste.org/AM/Template.cfm?Section=NETS).									
UNC	UNC	UC	1070	College Student Finances	SEM	SE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:									
		COURSE DESC:		College Student Finances is designed to give students an in depth understanding of money management in college. This includes detailed information about budgeting, expenses, and paying for college with a special emphasis on the financial aid process.									
UNC	UNC	UC	1100	Learning Strategies	LEC	EL	2	0		N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (Fr or Soph) and WARNING: No credit for both this course and the following: UC 1101 and UC 1102									
		COURSE DESC:		Helps students assess current study behaviors and attitudes and then adopt techniques that increase effectiveness in managing time, taking notes, reading and comprehending test material, and preparing for exams. Emphasizes regular practice and application of strategies discussed. Especially recommended for new students who did not study very much in high school and/or do not have a well-developed system of effective studying.									
UNC	UNC	UC	1100	Learning Strategies	LEC	LE	2	0		N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (Fr or Soph) and WARNING: No credit for both this course and the following: UC 1101 and UC 1102									
		COURSE DESC:		Helps students assess current study behaviors and attitudes and then adopt techniques that increase effectiveness in managing time, taking notes, reading and comprehending test material, and preparing for exams. Emphasizes regular practice and application of strategies discussed. Especially recommended for new students who did not study very much in high school and/or do not have a well-developed system of effective studying.									
UNC	UNC	UC	1101	Time Management and Test Taking Skills	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit for both this course and the following: UC 1100									
		COURSE DESC:		Concentrates on managing time and preparing for and taking examinations.									
UNC	UNC	UC	1101	Time Management and Test Taking Skills	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit for both this course and the following: UC 1100									
		COURSE DESC:		Concentrates on managing time and preparing for and taking examinations.									
UNC	UNC	UC	1102	Notetaking from Lectures and Textbooks	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit for both this course and the following: UC 1100									
		COURSE DESC:		Improves ability to select important information in lectures, discussions, and textbooks, organize it in note form, and review it. Emphasizes regular practice and use of organized notetaking systems.									
UNC	UNC	UC	1102	Notetaking from Lectures and Textbooks	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit for both this course and the following: UC 1100									
		COURSE DESC:		Improves ability to select important information in lectures, discussions, and textbooks, organize it in note form, and review it. Emphasizes regular practice and use of organized notetaking systems.									

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UC	1500	Student Transition Seminar	SEM	SE	.5 to 1	2		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The purpose of the Student Transition Seminar is to assist students in making a successful transition to their selected academic programs, both academically and personally. For those transferring to Ohio University, the course covers material on knowledge and skills necessary to navigate the institution. For those moving from one academic program to another, pertinent information regarding the new program is given. This course fosters a sense of belonging and promotes engagement in the curricular and co curricular aspects of a student's academic discipline.									
UNC	UNC	UC	1900	Learning Community Seminar	SEM	EL	1	2		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The seminar course associated with thematic or discipline-specific learning communities. Topics may include introduction to disciplinary norms, academic expectations of specific colleges and programs and research and creative opportunities at Ohio University.									
UNC	UNC	UC	1900	Learning Community Seminar	SEM	SE	1	2		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		The seminar course associated with thematic or discipline-specific learning communities. Topics may include introduction to disciplinary norms, academic expectations of specific colleges and programs and research and creative opportunities at Ohio University.									
UNC	UNC	UC	2030	Credit for Work Experience: Portfolio Development	SEM	EL	3	0		I	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required from eLearning OHIO and ENG 1510						
		COURSE DESC:		Seminar designed to assist adult students in clarifying career, personal, and educational goals with emphasis on documenting college-level learning from prior experience and documenting this learning for assessment.									
UNC	UNC	UC	2030	Credit for Work Experience: Portfolio Development	SEM	SE	3	0		I	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:	Permission required from eLearning OHIO and ENG 1510						
		COURSE DESC:		Seminar designed to assist adult students in clarifying career, personal, and educational goals with emphasis on documenting college-level learning from prior experience and documenting this learning for assessment.									
UNC	UNC	UC	2100	Academic Achievement & Student Engagement	SEM	SE	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:							
		COURSE DESC:		This course guides students to clarify their academic and professional interests. This is accomplished through a combination of seminar style discussion and reflection activities. In addition, students gain and develop a set of skills, tools and practices intended to support students in being agents of change in their respective communities.									
UNC	UNC	UC	2120	Theories & Praxis of Civic Engagement & Leadership	SEM	SE	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course focuses on understanding leadership, civic engagement and social change in the global, national and local contexts. We utilize the loci of our identities to frame the meaning we derive from leadership and civic engagement.									
UNC	UNC	UC	2900	Special Topics in University College	LEC	EL	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	UC	2900	Special Topics in University College	LEC	LE	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	UC	3690	Bobcat Student Orientation Theory and Practice	LEC	EL	1 to 2	6		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR,		REQUISITE:	Permission required						
		COURSE DESC:		Facilitates learning opportunities and experiences, which will provide students with the knowledge, attitudes, and skills necessary to become effective administrative assistants and orientation leaders (for first-year and transfer student orientation). Helps students gain a better understanding of the university experience and the importance of orientation, while they also learn about campus resources and services and the fundamentals of becoming an effective administrative assistant or orientation leader.									

**MASTER CURRICULUM FILE
COURSE LISTING
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UC	3690	Bobcat Student Orientation Theory and Practice	LEC	LE	1 to 2	6		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F									
		COURSE DESC:		Facilitates learning opportunities and experiences, which will provide students with the knowledge, attitudes, and skills necessary to become effective administrative assistants and orientation leaders (for first-year and transfer student orientation). Helps students gain a better understanding of the university experience and the importance of orientation, while they also learn about campus resources and services and the fundamentals of becoming an effective administrative assistant or orientation leader.									
UNC	UNC	UP	1901	University Professor	LEC	EL	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Title and requisite in Course Offerings.									
UNC	UNC	UP	1901	University Professor	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Title and requisite in Course Offerings.									
UNC	UNC	UP	1901N	University Professor	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	UP	1901S	University Professor	LEC	LE	3	6		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	UP	1901U	University Professor	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr or Soph									
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	UP	2900	Special Topics in University Professor	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	UNC	UP	2900	Special Topics in University Professor	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	UNC	UP	4900	Special Topics in University Professor	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	UNC	UP	4900	Special Topics in University Professor	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:									
		COURSE DESC:		CR Specific course content will vary with offering.									
UNC	UNC	UP	4901	University Professor	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Title and requisite in Course Offerings.									
UNC	UNC	UP	4901N	University Professor	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Title and requisites available in Course Offerings.									
UNC	UNC	UP	4901S	University Professor	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Title and prerequisites available in Course Offerings.									

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 COURSE LISTING
 SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UP	4901U	University Professor	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr									
		COURSE DESC:		CR Title and prerequisites available in Course Offerings.									