

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

College	Dept	Subj	Cat #	Title	Component	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	Discussion	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and acceptance into A&S scholars program						
		COURSE DESC:		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	Lecture	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and acceptance into A&S scholars program						
		COURSE DESC:		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	Discussion	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CAS 1110						
		COURSE DESC:		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	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CAS 1110						
		COURSE DESC:		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	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	1605	Experience Ohio: Gaining a Sense of Place	Seminar	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	2000	Foundations in Forensic Studies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		his course provides an overview of forensic studies by exploring the natural science components of criminal investigation and criminal justice processes. Students are given the opportunity to understand how diverse fields are interrelated through the methods and approaches of criminal investigation and are provided with the essential knowledge of forensic science from multiple perspectives. Students learn how evidence is collected, processed, and interpreted in the fields of chemistry, toxicology, biology (botany, zoology and microbiology), DNA analysis, blood spatter analysis, entomology, and forensic death investigation and how this is used to solve criminal cases. The support of other fields such as sociology, psychology, criminology, anthropology, linguistics, accounting, and cyber/data security to the presentation of scientific evidence is also explored. The understanding of these fields is essential for the critical analysis, evaluation, and presentation of scientific evidence and data.								
A&S	A&S	CAS	2110	The Big Idea	Lecture	3	0	2HL	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and WARNING: No credit if taken after CAS 1110						
		COURSE DESC:		This course explores approaches to nature, knowledge, community, leadership, and virtue as they are revealed in a wide variety of texts and works of art focused around a particular theme (e.g. science, economics, politics). Discussions, writing assignments, and quizzes aid students' understanding of the issues.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	CAS	2130C	Career Strategies: Internship and Job Mapping	Seminar	2	0	BLD	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	Seminar	1	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		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	Lecture	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	Discussion	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Fr or Soph						
		COURSE DESC:		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	Lecture	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Fr or Soph						
		COURSE DESC:		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	2410	The Principles and Practice of Food Justice	Seminar	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No Credit for both this course and the following:	CAS 1400 or 1410					
		COURSE DESC:		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.								
A&S	A&S	CAS	2600	Tech Matters	Lecture	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	Lecture	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	Seminar	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.								

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A&S	A&S	CAS	4413	The Art of Craft Brewing: The Athens Case Study	Seminar	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	Internship	1 to 8	16	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		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	Seminar	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	Lecture	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.								
A&S	A&S	CAS	5710	Introduction to Data Analysis	Lecture	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	Lecture	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	Internship	1 to 8	16		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		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	Seminar	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	Seminar	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 sociological 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	Seminar	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.								

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A&S	A&S	LJC	4910	Legal Internship in Law, Justice & Culture	Internship	1 to 6	6	BLD	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	Seminar	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 Study	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.								
A&S	A&S	LJC	4940	Independent Research in Law, Justice & Culture	Research	1 to 3	6	BLD	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	Seminar	1 to 3	3	BLD	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	Lecture	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	Seminar	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	Seminar	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	Seminar	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	6930	Independent Study in Law, Justice & Culture	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	A&S	LJC	6940	Independent Research in Law, Justice & Culture	Research	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	Thesis	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR This course is designed for students who are developing, conducting, and writing thesis research in interdisciplinary law and society studies.								

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A&S	A&S	LJC	6965	Legal Practice Workshop	Lecture	1 to 4	0		N	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	Seminar	3	0	3; CAP	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 is also examined. The relationship between population and environment is examined through a gendered and economic lens. The economic and social-political dimensions of global inequality is highlighted through case studies. The course wraps 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 integrates class meetings with related activities on campus, and wraps 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	Laboratory	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	Lecture	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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A&S	AAS	AAS	1010	African American History I, 1526-1875	Lecture	3	0	2SS; PSBS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Discussion	4	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	1500	Africana Media Studies	Lecture	4	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	1900	Difficult Dialogues: Race, Law, and Religion in America	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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)							
				COURSE DESC: 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	Lecture	3	0	2SS; PSBS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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	Lecture	3	0	2SS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: Exploration of theories or political policies and economic processes, their interrelations, and their influence on the socioeconomic character of the black community.							
A&S	AAS	AAS	2250	History of the African American Worker	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE: 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 "owners" and "workers" 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	Lecture	3	0	2HL; PHTC	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.												

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	2540	History of Injustice in the United States	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	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	AAS	AAS	3100	Postmodern Blackness: Identity and Culture in Contemporary African American Literature	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Jr or Sr 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Soph or Jr or Sr 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 The Weary Blues, Zora Neale Hurston's Their Eyes Were Watching God, Claude McKay's Home to Harlem, Alain Locke's The New Negro, Nella Larsen's Passing, and Jean Toomer's Cane, 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.								
A&S	AAS	AAS	3170	Black Transnational Literature: Caribbean and Transcultural African American Writing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Soph or Jr or Sr 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.								
A&S	AAS	AAS	3400	The African American Community Since World War II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Soph or Jr or Sr 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.								
A&S	AAS	AAS	3410	African American Personality	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
A&S	AAS	AAS	3450	The Black Woman	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Soph or Jr or Sr This course investigates representations of black women throughout U.S. history. Students pays particular attention to the ways in which black womanhood is historically characterized through the paradigms of race, gender and social class. Students explore how selected scholars render black women in ways that re-envision, perpetuate, contest, and/or subvert stereotypical images of black women.								
A&S	AAS	AAS	3460	Black Men and Masculinities	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Soph or Jr or Sr 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	3500	African American Arts and Artists	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	AAS	AAS	3520	Blacks in Contemporary American Cinema	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	AAS	AAS	3530	Survey of Black Independent Cinema	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	3640	Comparative Study of Injustice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
A&S	AAS	AAS	3650	The Protracted Struggle for Civil Rights: African American Social Movements in the U.S	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AAS 1060 or Junior or Senior Status This course examines the varied local and national struggles that constitute the long history of the Black Freedom Movement from the Abolitionists movement until today. Students explore the role of national organizations, their origins, evolution, strategies, challenges, internal conflicts, and failures in historical detail. Moreover, students explore the social, economic and political conditions that resulted in these movements.								
A&S	AAS	AAS	3680	African American Political Thought	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AAS 2020 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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Jr or Sr 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				6 Hours Tier II Social Sciences or Education 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	4110	Literature Seminar: Black Countercultures	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AAS 1100 and 2100 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AAS 1060 and (1010 or 2020) and (Jr or Sr) 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	AAS	4400	The Black Child ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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	4500	The History of Black Women in Popular Culture ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Jr or Sr This course explores the tremendous influence that popular culture, in the form of films, television, music video, and print media, has on how we conceptualize what it means to be women in general and women of African descent in particular. Students closely examine artifacts of popular culture that help to understand the intersections of gender, race, class, and sexuality. Students also explore representations of Black women in popular culture and its impact both domestically and internationally.								
A&S	AAS	AAS	4693	Legal Policy and Disparities in the American Health Care System ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0	3; CAP	N	U30		0
				GEC1: A-F REQUISITE: Jr or Sr 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.								
A&S	AAS	AAS	4930	Independent Study ELIGIBLE GRADES: COURSE DESC:	Ind Study	3 to 9	9		I	U30		0
				GEC4: A-F, REQUISITE: Permission required CR, PR Primarily for students interested in concentrated study in specific area in cooperation with advisor.								
A&S	AAS	AAS	5400	The Black Child ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PR 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 15	999		N	G40		0
				GEC4: A-F, REQUISITE: 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	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	Lecture	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 Study	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	Lecture	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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A&S	BIOS	BIOS	1000	Animal Diversity	Lecture	3	0	2NS; PNS	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	Lecture	3	0	2NS; PNS	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	Seminar	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	Tutorial	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	1200	Human Structure and Function for Allied Health	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: No credit for this course if taken after BIOS 1310 or 2030								
		COURSE DESC:		This course is designed to introduce allied health students to body structures that contribute to an understanding of human body processes. Students begin by learning about cells, tissues, and homeostasis. Those topics support student learning of the normal function and interrelationship of systems. The systems covered include integumentary, muscular, skeletal, nervous, endocrine, sensory, circulatory, immune, respiratory, urinary, digestive, and reproductive. Instruction is given concerning changes across life spans and associated pathophysiology of diseases.								
A&S	BIOS	BIOS	1300	Principles of Human Anatomy and Physiology I	Laboratory	4	0	2NS; PNS	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	Lecture	4	0	2NS; PNS	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	Laboratory	4	0	2NS; PNS	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	Lecture	4	0	2NS; PNS	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	Lecture	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	Lecture	3	0	2NS; PNS	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): P BIO 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 P BIO 1140.								
A&S	BIOS	BIOS	1705	Biological Sciences I Laboratory	Laboratory	1	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or concurrent								
		COURSE DESC:		Laboratory course to accompany BIOS 1700.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	1705A	Honors Experience in Biological Sciences I Laboratory	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Ohio Honors student and BIOS 1705 concurrently						
		COURSE DESC:		OHIO Honors curricular experience in Biological Sciences I Laboratory								
A&S	BIOS	BIOS	1710	Biological Sciences II: Ecology, Evolution, Animal Body Systems	Lecture	3	0	2NS; PNS	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	Laboratory	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.								
A&S	BIOS	BIOS	2010	Elementary Microbiology	Laboratory	3	0	2NS; PNS	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	Lecture	3	0	2NS; PNS	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	2200	Conservation and Biodiversity	Lecture	3	0	2AS; ANW	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	Lecture	3	0	2AS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit if taken after BIOS 3210 or BIOS 3220						
		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	Laboratory	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.								
A&S	BIOS	BIOS	2250	Genetics in Human Society	Lecture	3	0	2AS; PNS	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	Lecture	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-borne 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	Lecture	3	0	2NS; ANW	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	Lecture	3	0	2NS; PNS	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	Lecture	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	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	2971T	Zoology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	2980T	Zoology Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	2981T	Zoology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3010	Human Anatomy	Lecture	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.								
A&S	BIOS	BIOS	3010A	Honors Experience: Human Anatomy Lecture	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	OHIO Honors student and BIOS 3010 concurrently						
		COURSE DESC:		NC OHIO Honors curricular experience in Human Anatomy Lecture								
A&S	BIOS	BIOS	3015	Human Anatomy Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3010 or concurrent						
		COURSE DESC:		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	3015A	Honors Experience: Human Anatomy Lab	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	BIOS 3015 concurrently and Ohio Honors student						
		COURSE DESC:		NC OHIO Honors curricular experience in Human Anatomy Lab								
A&S	BIOS	BIOS	3030	Comparative Vertebrate Anatomy	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300						
		COURSE DESC:		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 1710 and 1715) or PBIO 1150						
		COURSE DESC:		Principles and concepts of genetics as revealed by classical and modern investigation.								
A&S	BIOS	BIOS	3105	Laboratory Genetics	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3100						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 1715 or GEOG 1100) and WARNING: not GEOG 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	BIOS	BIOS	3200	Fundamentals of Animal Cell Biology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in BIOS 3100						
		COURSE DESC:		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	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3200 or concurrent						
		COURSE DESC:		Laboratory exercises designed to illustrate basic techniques in molecular and cell biology, including electrophoresis and immunohistology.								
A&S	BIOS	BIOS	3220	General Microbiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 3100 or concurrent) or (BIOS1700 and BIOS2250) or PBIO 3300						
		COURSE DESC:		Overview of bacteria, archaea, fungi, and viruses, and their relationship to humans and the environment.								
A&S	BIOS	BIOS	3225	General Microbiology Laboratory	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3220 or concurrent and WARNING: no credit if BIOS 3210						
		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	3225A	Honors Experience: Microbiology Lab	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	BIOS 3225 concurrent and student in the OHIO Honors program						
		COURSE DESC:		NC OHIO Honors curricular experience in Microbiology Lab.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3300	Principles of Evolution	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C- or better in BIOS 1710) and (BIOS 3100 or concurrent)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in BIOS 1710						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C- or better in CHEM 1520 and BIOS 1710) and (C- or better in PHYS 2002 or 2052 or concurrent)						
		COURSE DESC:		Function of animal cells and organs, emphasizing the physical and chemical principles underlying physiological processes.								
A&S	BIOS	BIOS	3435	Principles of Physiology Lab	Laboratory	2	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3430 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. This course satisfies half of the Tier I Junior Composition Equivalency requirement via a series of lab reports throughout the semester. Lab reports strengthen understanding of formal writing in Biological Sciences, including the ability to synthesize primary literature, report results of experiments, and edit and revise reports.								
A&S	BIOS	BIOS	3450	Human Physiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in ((BIOS 2030 and 2035) or (3010 and 3015))						
		COURSE DESC:		Covers basic cell physiology through most organ systems, particularly those of humans. Emphasis on physiological regulation and physiological responses to various stresses.								
A&S	BIOS	BIOS	3455	Human Physiology Laboratory	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3450 or concurrent						
		COURSE DESC:		Lab experiences designed to complement material covered in 3450. Lab introduces students to physiology related skills and techniques used in both research and clinical settings.								
A&S	BIOS	BIOS	3455	Human Physiology Laboratory	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3450 or concurrent						
		COURSE DESC:		Lab experiences designed to complement material covered in 3450. Lab introduces students to physiology related skills and techniques used in both research and clinical settings.								
A&S	BIOS	BIOS	3640	Forensic Biology	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr)						
		COURSE DESC:		Provides experience in microscopic techniques; identification of hair, fibers, and bones; identification and grouping of blood; entomological and anthropological technologies in forensics; and identification of semen.								
A&S	BIOS	BIOS	3640	Forensic Biology	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr)						
		COURSE DESC:		Provides experience in microscopic techniques; identification of hair, fibers, and bones; identification and grouping of blood; entomological and anthropological technologies in forensics; and identification of semen.								
A&S	BIOS	BIOS	3690	Wildlife Habitat Management	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or Better in BIOS 1710 and 1715						
		COURSE DESC:		A course covering theoretical and practical aspects of management of wildlife and their habitats; it examines ecological, social, economic and regulatory (policy) perspectives of managing wildlife population and wildlife habitat management aimed towards sustainable use of wildlife. After completing this course, students have a better understanding of the ecological principles for managing and restoring wildlife populations and their habitats in line with local, state and federal policy mandates.								
A&S	BIOS	BIOS	3690	Wildlife Habitat Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or Better in BIOS 1710 and 1715						
		COURSE DESC:		A course covering theoretical and practical aspects of management of wildlife and their habitats; it examines ecological, social, economic and regulatory (policy) perspectives of managing wildlife population and wildlife habitat management aimed towards sustainable use of wildlife. After completing this course, students have a better understanding of the ecological principles for managing and restoring wildlife populations and their habitats in line with local, state and federal policy mandates.								
A&S	BIOS	BIOS	3750	Animal Ecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C- or better in BIOS 1710 and 1715) or (PBIO 1150) and (MATH 2301 or 266A or 263A or concurrent)						
		COURSE DESC:		An exploration of empirical and theoretical aspects of how animals interact with their environment. This mechanism-oriented class will evaluate ecological processes at the individual, population, community, and ecosystem levels.								
A&S	BIOS	BIOS	3760	Field Ecology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 1710 and 1715)						
		COURSE DESC:		Quantitative analysis of field problems in ecology; consisting of design of field experiments and hypothesis testing, graphic and statistical analysis of data; interpretation of results and report writing.								
A&S	BIOS	BIOS	3760	Field Ecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 1710 and 1715)						
		COURSE DESC:		Quantitative analysis of field problems in ecology; consisting of design of field experiments and hypothesis testing, graphic and statistical analysis of data; interpretation of results and report writing.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	3840	Bioethics: Bioethical Problems in Biology and Medicine	Lecture	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in BIOS						
		COURSE DESC:		Ethical problems arising from rapid advances in biological and biomedical research. Topics can include human experimentation, fetal research, informed consent, euthanasia, reproductive advances, fetal sex determination, public policy and bioethics, health care delivery, mental health, and genetic screening.								
A&S	BIOS	BIOS	3860	Biology and the Future of Man	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Covers human sexuality, physiological effects of environmental pollutants, drugs of abuse, and introduction to advances in biological technology that influence future of humans.								
A&S	BIOS	BIOS	3880	Undergraduate Research Inquiry & Analysis in Ecology and Evolutionary Biology	Seminar	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		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	Internship	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F 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 Study	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	One course in (BIOS or PBIO)						
		COURSE DESC:		PR, F 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	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	3980T	Zoology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	4030	Teaching Vertebrate Anatomy	Laboratory	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	BIOS 3030						
		COURSE DESC:		PR, F 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	Lecture	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	BIOS 3030						
		COURSE DESC:		PR, F 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	Lecture	3	0	3; CAP	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	4100	Biological Pharmacology	Lecture	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SR and (C or better in BIOS 3430 OR BIOS 3450) and (C or better in CHEM 3010 OR 3060)						
		COURSE DESC:		An over-arching synthesis of concepts already learned in cell biology, genetics, physiology and chemistry are applied to the biological principles of drug action. Designed as a capstone experience for students in the sciences, especially the biological sciences. Covers the pathophysiology and therapeutic uses of drugs, for certain human diseases (e.g., heart failure, diabetes, Parkinson's disease, and infectious diseases). A select group of the most commonly prescribed drugs are discussed in terms of their cellular mechanisms of action and how drug actions alter disease states. After successfully completing the learning activities students are better prepared for biomedical careers after graduation. Toxicology and medicinal chemistry of various drug classes are not discussed.								
A&S	BIOS	BIOS	4130	Neuroscience	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in 3430 or concurrent) or (C or better in BIOS 3450 or concurrent)						
		COURSE DESC:		This course is an overview of the structure and function of the human nervous system. It provides students with a basic understanding of the molecular and cellular basis of neural communication, the development of the nervous system, the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, sleep and arousal, and emotion) and the consequences of neurological damage to these systems.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4135	Human Neuroscience Laboratory	Laboratory	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	Lecture	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.								
A&S	BIOS	BIOS	4150	Systems and Cognitive Neuroscience	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	4200X	Bioinformatics Introduction to Anthropological and Personal Genomics	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2500 or PSY 2110 or PBIOS 3150, BIOS 3100, BIOS 3300 (concurrent ok)						
		COURSE DESC:		This course introduces students to the principles and methods of anthropological and personal genomics. Emphasis on the fundamental evolutionary processes that determine populations' and individuals' genetic variation and their application to questions about ancestry, demography, evolutionary history, disease risk, drug response, and individuals' traits. Students will gain entry-level bioinformatic skills through hands-on experience analyzing human genomic data. Course is intended for upper-level undergraduates and graduate students.								
A&S	BIOS	BIOS	4200X	Bioinformatics Introduction to Anthropological and Personal Genomics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2500 or PSY 2110 or PBIOS 3150, BIOS 3100, BIOS 3300 (concurrent ok)						
		COURSE DESC:		This course introduces students to the principles and methods of anthropological and personal genomics. Emphasis on the fundamental evolutionary processes that determine populations' and individuals' genetic variation and their application to questions about ancestry, demography, evolutionary history, disease risk, drug response, and individuals' traits. Students will gain entry-level bioinformatic skills through hands-on experience analyzing human genomic data. Course is intended for upper-level undergraduates and graduate students.								
A&S	BIOS	BIOS	4220	Pathogenic Bacteriology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3220 and BIOS 3225) and WARNING: No credit if taken after BIOS 4230 or 5230						
		COURSE DESC:		A molecular approach is used to discuss bacterial pathogenesis and disease manifestations. Topics include aspects of immunity and pathogen control.								
A&S	BIOS	BIOS	4240	Virology	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4250	Evolutionary Genetics	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3100 or P BIO 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	Lecture	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	Lecture	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.								
A&S	BIOS	BIOS	4300	Marine Invertebrate Biology Lecture and Lab	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 1710 and 1715)						
		COURSE DESC:		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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 1710 and 1715)						
		COURSE DESC:		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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1715						
		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	4310	Aquatic Biology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1715						
		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	4360	Field Entomology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 3400						
		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	4360	Field Entomology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 3400						
		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	4410	Parasitology	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1715						
		COURSE DESC:		Etiology of human parasites, their transmission, diagnosis, and prevention.								
A&S	BIOS	BIOS	4440	Tropical Disease Biology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Provides an overview of the nature, impact, and management of tropical diseases. Examines tropical diseases as systems.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4450	Physiology of Exercise	Lecture	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 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	Laboratory	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:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
A&S	BIOS	BIOS	4460	Physiology of Exercise Laboratory	Lecture	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:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
A&S	BIOS	BIOS	4500	Principles of Endocrinology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3420 or 3430 or 3450)						
		COURSE DESC:		Endocrine control of mammalian homeostasis and metabolism.								
A&S	BIOS	BIOS	4570	Animal Systematics	Discussion	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	Lecture	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	4620	Animal Ecological Physiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 3420 or 3430) and MATH 2301 and (BIOS 3750 or P BIO 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	Lecture	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	Laboratory	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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or P BIO 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4720	Herpetology	Lecture	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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C- or better in PSY 2110 or MATH 2500) 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	Laboratory	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.								
A&S	BIOS	BIOS	4740	Mammalogy	Lecture	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.								
A&S	BIOS	BIOS	4770	Population Ecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3750 or concurrent						
		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	4780	Community Ecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3750						
		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	4790	Advanced Evolution	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300						
		COURSE DESC:		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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	20 hours in BIOS and Sr only						
		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	4860	Immunology	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3210 or (3220 and 3225))						
		COURSE DESC:		Fundamental principles and concepts of immunity and the immune response.								
A&S	BIOS	BIOS	4865	Immunology Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 4860 or concurrent						
		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	4900	Special Topics in Biological Sciences	Lecture	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	4910	Biological Internship	Internship	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and BIOS major						
		COURSE DESC:		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	Internship	1 to 9	27		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		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 Study	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	BIOS 1715 and 2.5 GPA						
		COURSE DESC:		PR, F Individual or small-group study of specialized topics in zoology under supervision of instructor. Special registration with departmental secretary absolutely required.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	4940	Undergraduate Research	Research	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	14 Hours in BIOS and 3.0 GPA						
		COURSE DESC:		Individualized and directed research. Students select topics or are directed into possible research areas.								
A&S	BIOS	BIOS	4940H	Honors Undergraduate Research	Research	2 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and 25 hours in BIOS and 3.5 GPA in BIOS						
		COURSE DESC:		Individualized and directed research for students in departmental honors program. Students select topics or are directed into possible research areas.								
A&S	BIOS	BIOS	4941	Senior Research and Thesis	Research	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	3 Hours BIOS 4940 and Sr only						
		COURSE DESC:		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	Research	2 to 6	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 4940H and 20 hours in BIOS and 3.5 GPA						
		COURSE DESC:		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	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	4980T	Tutorial Senior Thesis	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in Honors Tutorial program.								
A&S	BIOS	BIOS	5010	Human Anatomy	Laboratory	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Laboratory	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5100	Biological Pharmacology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An over-arching synthesis of concepts already learned in cell biology, genetics, physiology and chemistry are applied to the biological principles of drug action. Designed as a capstone experience for students in the sciences, especially the biological sciences. Covers the pathophysiology and therapeutic uses of drugs, for certain human diseases (e.g., heart failure, diabetes, Parkinson's disease, and infectious diseases). A select group of the most commonly prescribed drugs are discussed in terms of their cellular mechanisms of action and how drug actions alter disease states. After successfully completing the learning activities students are better prepared for biomedical careers after graduation. Toxicology and medicinal chemistry of various drug classes are not discussed.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5130	Neuroscience	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is an overview of the structure and function of the human nervous system. It provides students with a basic understanding of the molecular and cellular basis of neural communication, the development of the nervous system, the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, sleep and arousal, and emotion) and the consequences of neurological damage to these systems.								
A&S	BIOS	BIOS	5135	Human Neuroscience Laboratory	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5140	Molecular and Cellular Neuroscience	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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, synaptic function, molecular biology, signal transduction, gene expression, and neuronal development.								
A&S	BIOS	BIOS	5150	Systems and Cognitive Neuroscience	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	5200X	Bioinformatics Introduction to Anthropological and Personal Genomics	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to the principles and methods of anthropological and personal genomics. Emphasis on the fundamental evolutionary processes that determine populations' and individuals' genetic variation and their application to questions about ancestry, demography, evolutionary history, disease risk, drug response, and individuals' traits. Students will gain entry-level bioinformatic skills through hands-on experience analyzing human genomic data. Course is intended for upper-level undergraduates and graduate students.								
A&S	BIOS	BIOS	5200X	Bioinformatics Introduction to Anthropological and Personal Genomics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to the principles and methods of anthropological and personal genomics. Emphasis on the fundamental evolutionary processes that determine populations' and individuals' genetic variation and their application to questions about ancestry, demography, evolutionary history, disease risk, drug response, and individuals' traits. Students will gain entry-level bioinformatic skills through hands-on experience analyzing human genomic data. Course is intended for upper-level undergraduates and graduate students.								
A&S	BIOS	BIOS	5210	General Microbiology	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	BIOS	BIOS	5220	Pathogenic Bacteriology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	No credit for this course if taken after BIOS 5230						
		COURSE DESC:		A molecular approach is used to discuss bacterial pathogenesis and disease manifestations. Topics include aspects of immunity and pathogen control.								
A&S	BIOS	BIOS	5230	Pathogenic Bacteriology	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	BIOS	BIOS	5290	Marine Biology	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Etiology of human parasites, their transmission, diagnosis, and prevention.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5430	Principles of Physiology I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				BIOS 5430 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	5440	Tropical Disease Biology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 5150 and WARNING: No credit for this course if taken after BIOS 5460 The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
A&S	BIOS	BIOS	5460	Physiology of Exercise Laboratory	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 5150 and WARNING: No credit for this course if taken after BIOS 5460 The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
A&S	BIOS	BIOS	5500	Principles of Endocrinology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Endocrine control of mammalian homeostasis and metabolism.								
A&S	BIOS	BIOS	5570	Animal Systematics	Discussion	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5620	Animal Ecological Physiology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5690	Wildlife Habitat Management	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				A course covering theoretical and practical aspects of management of wildlife and their habitats; it examines ecological, social, economic and regulatory (policy) perspectives of managing wildlife population and wildlife habitat management aimed towards sustainable use of wildlife. After completing this course, students have a better understanding of the ecological principles for managing and restoring wildlife populations and their habitats in line with local, state and federal policy mandates.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5690	Wildlife Habitat Management	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		A course covering theoretical and practical aspects of management of wildlife and their habitats; it examines ecological, social, economic and regulatory (policy) perspectives of managing wildlife population and wildlife habitat management aimed towards sustainable use of wildlife. After completing this course, students have a better understanding of the ecological principles for managing and restoring wildlife populations and their habitats in line with local, state and federal policy mandates.								
A&S	BIOS	BIOS	5710	Ornithology	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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.								
A&S	BIOS	BIOS	5740	Mammalogy	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.								
A&S	BIOS	BIOS	5740	Mammalogy	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.								
A&S	BIOS	BIOS	5770	Population Ecology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Fundamental principles and concepts of immunity and the immune response.								
A&S	BIOS	BIOS	5865	Immunology Lab	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	5900	Special Topics in Biological Sciences	Lecture	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	BIOS	BIOS	6580	Clinical Gross Anatomy I	Laboratory	3	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 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	Lecture	3	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 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	Laboratory	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	6590	Clinical Anatomy II	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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.

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	6610	Microanatomy I: Architecture of Cells and Tissues	Lecture	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	Laboratory	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	6620	Microanatomy II: Organ Systems	Lecture	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	Lecture	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	Seminar	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	Lecture	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	Research	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Unspecified research, not directly applicable to thesis.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	BIOS	6950	Master's Thesis	Thesis	.5 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	Seminar	1 to 2	12		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: EEB graduate student								
		COURSE DESC:		CR Student and faculty presentations of ecologically and evolutionarily focused research.								
A&S	BIOS	BIOS	7120	Seminar in Neuroscience	Seminar	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	Seminar	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	Seminar	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.								
A&S	BIOS	BIOS	8700	Biostatistics II	Laboratory	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	Lecture	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	Lecture	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	Thesis	.5 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	Lecture	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	Tutorial	1 to 12	999		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	Tutorial	1 to 12	999		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	NEUR	2980T	Neuroscience Tutorial	Tutorial	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	Tutorial	1 to 12	999		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	Tutorial	1 to 12	999.99		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	Tutorial	1 to 12	999		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	Lecture	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	Tutorial	1 to 12	999		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	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Senior thesis for HTC students in the neuroscience program.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	2000	The Wonders of the Ancient Mediterranean	Lecture	3	0	2CP	N	U30		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	CARS	CARS	2010	Greek Archaeology	Lecture	3	0	2SS; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an introduction to Greek society and culture through investigation of its material culture and the archaeological contexts in which they are found. It explores the history of Greek archaeology and different approaches to investigating particular kinds of material evidence. The course examines the growth and collapse of complex civilization in Bronze Age Greece, the reemergence and growth of city-states from the Early Iron Age, and the development and spread of Hellenic cultural institutions to the Near East and Italy.								
A&S	CARS	CARS	2020	Roman Archaeology	Lecture	3	0	2SS	N	U30		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	CARS	CARS	2030	Archaeology of the Ancient Near East	Lecture	3	0	2SS; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course surveys the major developments in the material culture of the region known to scholars as the ancient Near East, including the eastern Mediterranean, Mesopotamia, Anatolia, and Persia, from the emergence of complex societies through the arrival of Alexander the Great (ca. 800 BCE - 300 BCE). It also introduces students to the main archaeological methods used in discovery and documentation of the material cultures of this period and region.								
A&S	CARS	CARS	2040	Archaeology of Ancient Egypt	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course introduces students to the main archaeological sites, methods and types of material specific to each period and region of Egypt. We investigate the components of Egyptian civilization in each period from the first settlements in the 10th millennium to the period of foreign domination in the 1st millennium, in terms of conservation of social and religious hierarchy and innovation in adapting and transforming new ideas.								
A&S	CARS	CARS	2050	Archaeology and the Bible	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on the intersection of material culture and the writings of the Judeo-Christian Bible within the broader framework of interpreting texts and the material record. The course introduces students to archaeological methods as well as to the critical study of texts. This approach involves the examination of coherence and divergence between historical documents and material culture, and it also involves the examination of advantages and limitations of both types of data. The regional and chronological focus is the eastern Mediterranean of the first half of the first millennium BCE, although reference will be made to the second millennium BCE and to the turn of the Christian Era. In addition to major political developments, course also includes what the material and textual evidence report about the lifeways of Iron Age people in the Eastern Mediterranean. Finally, the course reflects comparatively on cases and issues in Historical Archaeology outside the main regional and chronological focus of the course.								
A&S	CARS	CARS	2100	Classical Athens	Lecture	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	CARS	CARS	2110	Rome Under the Caesars	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course we look at life and thought in ancient Rome from Augustus through Marcus Aurelius (30 BC - AD 180) based on material, documentary, and literary sources. We investigate humanistic questions across cultural boundaries. The primary focus is on how the inhabitants of Rome lived and what they thought about fundamental issues such as: How did elites and the common people function in a hierarchical society? What was the role of religion? of education? of art? How did Romans deal with death? What ultimately made life worth living for an ancient Roman? We will study the political lives of Roman elites, the rituals of daily life, and the art and architecture that made up the environment in which these people lived. These issues are then compared with our own attitudes in modern America in an attempt to understand differences and commonalities shared by human beings in different cultures.								
A&S	CARS	CARS	2120	Ancient Jerusalem: From Solomon to Suleiman	Lecture	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. The course focuses on Jerusalem as a mythic as well as a historical entity; attempts 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. The course 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	2130	Alexander the Great and the Hellenistic World	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
A&S	CARS	CARS	2140	Human Aspirations Among the Greeks and Romans	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Is it enough to merely live? This course introduces students to how ancient authors and thinkers explored deep questions about life and the human condition, exploring their views of what it means not only to live, but to live well. Studying famous classical works of drama, literature, history, philosophy, and religion, the course explores what it means to be human, and how great thinkers have described the human experience and the goals to which humans aspire. These writers believed that the world does not get better through random chance, but by deliberate action that grows out of carefully reasoned beliefs about how life should be. This course explores how these aspirations arose in the ancient Greek and Roman worlds, how they developed over time, and how they still shape much of modern thought about humanity and the human condition. The course has no prerequisites.								
A&S	CARS	CARS	2150	Democracy and Republicanism in the Ancient World	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course examines the rise and fall of the Athenian Democracy and the Roman Republic, placing particular emphasis on understanding the social, political, and cultural attitudes and developments that contributed to the development and collapse of these types of government. Because both types of government conveyed substantial political power and responsibility to the citizenry as a whole, the course takes a broad interdisciplinary approach to understand the views and experiences of the people who lived under these governments. Focusing on ancient sources, the course seeks to understand how ancient Greeks and Romans described and conceived of their types of government, and how they understood the erosion and collapse of those governments. The course uses a wide range of evidence, including architecture, art, drama, history, literature, and philosophy.								
A&S	CARS	CARS	2160	War and Society in Ancient Greece and Rome	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course studies the nature and development of war and warfare in the ancient Greek and Roman worlds. With a primary focus on the analysis of ancient texts, this course seeks to understand how the ancient Greeks and Romans thought and wrote about war, how their thinking and practice of war changed over time, and how these themes reveal important underlying changes in Greco-Roman society.								
A&S	CARS	CARS	2160A	Honors Experience: War and Society in Ancient Greece and Rome	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,								
		COURSE DESC:		REQUISITE:								
				CARS 2160 and Ohio Honors student NC OHIO Honors curricular experience in War and Society in Ancient Greece and Rome								
A&S	CARS	CARS	2170	Food, Drink and Identity in the Ancient World	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	CARS	CARS	2180	Ancient Near Eastern Art and Architecture	Lecture	3	0	2FA; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course surveys the visual and architectural material culture of the ancient Middle East, defined loosely as the geographic region stretching from Anatolia to Iran--including Mesopotamia and the Eastern Mediterranean. It spans the time period ranging from the emergence of civilization in the fourth millennium BCE to the arrival of Alexander the Great in the 4th century BCE. After an orientation to history, geography, and archaeological practice, we examine regional and chronological trends in content and style, definitions of and relationships between "art" and architecture, scholarly approaches to text-image relationships, and the role of archaeology and the understanding of provenance and provenience in the study of visual material culture in these periods and places. We conclude with a look at the role of this material in the creation and development of modern national narratives and identities.								
A&S	CARS	CARS	2300	Heroes in Classical Literature	Lecture	3	0	2HL; PHTC	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	CARS	CARS	2310	Classical Mythology	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to classical mythology; readings and discussions of myths and their interpretations.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	2400	Introduction to the Study of Religion	Lecture	3	0	2HL; ACSW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Studying religion is critical for understanding the modern world, as well as the daily lives of billions of people around the globe. In this class, students examine the beliefs, practices, institutions, and histories of Buddhism, Christianity, Hinduism, Islam, and Judaism. Other possible topics include Atheism, Confucianism, Daoism, Greek and Roman religions, Jainism, Navajo religion, New Religious Movements, Rastafarianism, Sikhism, and Zoroastrianism. The curriculum consists of weekly readings and films and occasional guest speakers and field trips.								
A&S	CARS	CARS	2410	The Global Occult: Ghosts, Demonology, and the Paranormal in World Religions	Lecture	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	CARS	CARS	2430	The History of Yoga: From Ancient Discipline to Modern Movement	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Jr or Sr							
		COURSE DESC:		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	CARS	CARS	2440	Pagan to Christian in Late Antiquity	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the dramatic change from pagan to Christian religion and culture in the late Roman Empire during the 4th through 6th centuries. From the 1st to 3rd centuries, Christianity was changing from a Jewish sect as it spread throughout the cities of the Roman Empire. Paganism had a huge impact on Christianity, and in turn Christianity reshaped the society and government of the late Roman Empire. Sources include writings from ancient historians, Church fathers, Christian and pagan apologists, philosophy, art and archaeology.								
A&S	CARS	CARS	2500	Difficult Dialogues: Religious Beliefs	Lecture	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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 Religious Studies 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.								
A&S	CARS	CARS	2510	Difficult Dialogues: Religion, Gender and Sexuality	Lecture	3	0	ACSW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides a space for students to dialogue productively on historically contentious topics involving religious beliefs, gender and sexuality. Students develop thoughtfulness and engagement with beliefs that are rooted in different religious or secular humanist traditions outside of their individual experiences. During the course, students draw on perspectives from intellectual and religious history, cultural analysis of religions, and contemporary religious dialogue. Students 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. Students draw on methods and content from intellectual and religious history, the philosophy of religions, and contemporary religious dialogue.								
A&S	CARS	CARS	2520	What is Evil?	Lecture	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	CARS	CARS	2530	Difficult Dialogues: Science and Religion	Discussion	4	0	2CP; ACSW; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		How do science and religion affect our everyday lives? For most of us the phrase "science and religion" calls to mind abstract debates over the nature of the universe, the existence of God, or the nature of humanity. And while these topics have fascinated intellectual elites for centuries, they can seem far removed from the experiences of most people in the present day. This is a Difficult Dialogues course which examines the relationship between science and religion, and the intimate and communal lives of people globally and throughout history. We consider how these knowledge systems have been defined in the context of global colonialism and empire and ask how they continue to shape expectations for political engagement, intimate relationships, and identity. Topics include secularism, sexual ethics, immigration, environmental protection, and healthcare.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	2530	Difficult Dialogues: Science and Religion	Lecture	4	0	2CP; ACSW; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				How do science and religion affect our everyday lives? For most of us the phrase "science and religion" calls to mind abstract debates over the nature of the universe, the existence of God, or the nature of humanity. And while these topics have fascinated intellectual elites for centuries, they can seem far removed from the experiences of most people in the present day. This is a Difficult Dialogues course which examines the relationship between science and religion, and the intimate and communal lives of people globally and throughout history. We consider how these knowledge systems have been defined in the context of global colonialism and empire and ask how they continue to shape expectations for political engagement, intimate relationships, and identity. Topics include secularism, sexual ethics, immigration, environmental protection, and healthcare.								
A&S	CARS	CARS	2530A	Honors Experience: Difficult Dialogues: Religion and Science	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,								
		COURSE DESC:		REQUISITE:								
				Student in the OHIO Honors program NC OHIO Honors curricular experience in Difficult Dialogues: Religion and Science								
A&S	CARS	CARS	2700	Comparative Slavery: Ancient and Atlantic	Discussion	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 CARS 2700 and HIST 2700.								
A&S	CARS	CARS	2700	Comparative Slavery: Ancient and Atlantic	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 CARS 2700 and HIST 2700.								
A&S	CARS	CARS	2900	Special Topics in Classics and Religious Studies	Lecture	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Specific course content will vary with offering.								
A&S	CARS	CARS	2970T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	2971T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				CARS 2980T and HTC PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	2980T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	2981T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				CARS 2971T and HTC PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	3000	The Hebrew Bible (Christian Old Testament, Jewish Tanakh)	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	CARS	CARS	3010	New Testament	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	3020	Introduction to Islam	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	CARS	CARS	3030	Political Islam	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr 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	CARS	CARS	3040	Sufism-Mysticism and Asceticism in Islam	Lecture	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	CARS	CARS	3100	Hinduism	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
A&S	CARS	CARS	3110	Buddhism	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	CARS	CARS	3120	Gandhi and the Gita: The Religious Roots of Nonviolent Resistance in Colonial India	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	CARS	CARS	3130	Indian Epic: Mahabharata and Ramayana	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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	CARS	CARS	3200	Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	CARS	CARS	3210	Religion and Violence	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	3220	Thinking About Death: Belief and Practice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
A&S	CARS	CARS	3240	Theories of Religion	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	CARS	CARS	3250	Contemporary Religious Thought	Lecture	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	CARS	CARS	3260	Myth, Ritual, and Symbolism	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				This course aims to explore the overlapping categories of myth, ritual and symbol and understand their role in creating systems of meaning, both local and cross-cultural. We ask questions about the ways these categories function to integrate or disintegrate individual personalities, authorize and undermine social hierarchies, and shape the way we think and act in ways that are often hidden. Above all, we seek to comprehend the ways in which myth, ritual and symbol do not belong solely to ancient or non-industrial cultures but are present and active in almost every aspect of our world today.								
A&S	CARS	CARS	3290	Women and Religion	Lecture	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	CARS	CARS	3400	Greek and Roman Religions and Society	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				This course studies the nature and practice of religion in the ancient Greek and Roman world. It explores how Greeks and Romans conceptualized the divine and its interaction with human spheres of activity. Particular attention is given to the practice of ancient religion, the rituals, priesthoods, festivals, and ceremonies through which humans engaged in religion, and the underlying concepts that gave shape and meaning to these practices. Attention is also given to related topics such as ancient philosophical critiques of religious practice, to the intersection of religion and magic, and to the ways in which Greeks and Romans reacted to new or foreign religious ideas, practices, and beliefs and to parallels with contemporary responses to encounters with other religions.								
A&S	CARS	CARS	3410	Technology in Greek and Roman Society	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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 developmental 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.								
A&S	CARS	CARS	3420	Women in the Ancient Mediterranean	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WGS 1000 or Soph or Jr or Sr								
				This course will explore the main sources of information about women in the related Mediterranean cultures of Greece, Rome and Italy, from c. 1000 BC to the 4th c. AD. Although these cultures are quite distinct in many ways, there are all patriarchal societies with an agricultural base for the economy. Women's roles were tied to reproduction and care of the household, and women were seen as less publicly productive, and therefore inferior to men. The ways in which women were categorized as 'not men' cannot be understood without analyzing what it meant to be a man in these societies, in particular a free citizen adult man. The evidence we will consider includes economic and legal texts, literature, religious texts and funerary inscriptions, as well as archaeological evidence. In particular, we will look at the representations of women in epic, love poetry, drama, law cases, art and archaeology. Most texts and art works were created by men, and present the male view, both positive and negative, of women's roles in society, so the course will also focus upon the culturally defined gender biases in the sources, and on feminist methodologies devised to clarify and interpret these biases.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	3430	Roman Social History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CARS 2110 or 2440 or HIST 3292						
		COURSE DESC:		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	CARS	CARS	3440	Love in Antiquity	Lecture	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	CARS	CARS	3450	Wisdom in Antiquity	Lecture	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, sophisticated 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	CARS	CARS	3460	Ethnicity in the Ancient World	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to ancient thinking about ethnicity and race. It studies the ways ancient Greeks and Romans conceived of ethnic, cultural, or racial difference, and how these ideas of similarity and difference were constructed. The course also considers how, and to what extent, ancient thinking about ethnicity and race influences modern thinking. The course uses primary and secondary texts to explore how ethnicity was defined by ancient peoples, what traits identified a person as being similar or different, and how the recognition of difference influenced an individual's life and opportunities in the Greco-Roman world. The course examines different ways that race, ethnicity, and difference were constructed in the ancient world, and compares and contrasts this with modern constructions of these ideas.								
A&S	CARS	CARS	3500	Greek Cities and Sanctuaries	Lecture	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	CARS	CARS	3510	Aegean Bronze Age Archaeology	Lecture	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.).								
A&S	CARS	CARS	3520	On-Site Survey of Greek History	Lecture	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	CARS	CARS	3800	Colloquium in Classics and Religious Studies	Lecture	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Classics or religious studies 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 Religious Studies, 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	CARS	CARS	3970T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	CARS 2981T and HTC						
		COURSE DESC:		PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	3980T	Classics and Religious Studies HTC Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	CARS 2970T and HTC						
		COURSE DESC:		PR Individualized tutorial for HTC students only.								
A&S	CARS	CARS	4900	Special Topics in Classics and Religious Studies	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Special topics in aspects of Classics and Religious Studies								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	4930	Independent Study	Ind Study	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and one course in CLWR								
		COURSE DESC:		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	CARS	CARS	4970T	Classics and Religious Studies Tutorial Senior Thesis	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CARS 3980T and HTC and Sr								
		COURSE DESC:		CR, PR Senior thesis for HTC students only.								
A&S	CARS	CARS	4980T	Classics and Religious Studies Tutorial Senior Thesis	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: CARS 4970T and HTC and Sr								
		COURSE DESC:		PR Senior thesis for HTC students only.								
A&S	CARS	CARS	5030	Political Islam	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	CARS	CARS	5040	Sufism-Mysticism and Asceticism in Islam	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	CARS	CARS	5110	Buddhism	Lecture	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	CARS	CARS	5220	Thinking About Death: Belief and Practice	Lecture	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	CARS	CARS	5250	Contemporary Religious Thought	Lecture	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	CARS	CARS	5260	Myth, Ritual and Symbolism	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR This course aims to explore the overlapping categories of myth, ritual and symbol and understand their role in creating systems of meaning, both local and cross-cultural. We ask questions about the ways these categories function to integrate or disintegrate individual personalities, authorize and undermine social hierarchies, and shape the way we think and act in ways that are often hidden. Above all, we seek to comprehend the ways in which myth, ritual and symbol do not belong solely to ancient or non-industrial cultures but are present and active in almost every aspect of our world today.								

**MASTER CURRICULUM FILE
 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CARS	CARS	5900	Special Topics in Classics and Religious Studies	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Special topics in aspects of Classics and Religious Studies								
A&S	CARS	CARS	5930	Independent Study	Ind Study	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 selected by the student in negotiation with a faculty member and supervised by that faculty member.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	D015	Preparation for College Chemistry	Lecture	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	Lecture	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	Seminar	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	Tutorial	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	Tutorial	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	Tutorial	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	1205	Survey of Chemistry for Health Sciences	Lecture	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1205L or concurrent and (C or better in MATH D005 or Math placement level 1 or higher). WARNING: No credit for this course if the following is taken: CHEM 1220 or CHEM 1520								
		COURSE DESC:		A one-semester survey of general, organic, and biological chemistry course for non-chemistry majors. Recommended for majors within health sciences. Emphasis is placed on learning foundational chemistry concepts with a focus on the chemistry of life.								
A&S	CHEM	CHEM	1205	Survey of Chemistry for Health Sciences	Recitation	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1205L or concurrent and (C or better in MATH D005 or Math placement level 1 or higher). WARNING: No credit for this course if the following is taken: CHEM 1220 or CHEM 1520								
		COURSE DESC:		A one-semester survey of general, organic, and biological chemistry course for non-chemistry majors. Recommended for majors within health sciences. Emphasis is placed on learning foundational chemistry concepts with a focus on the chemistry of life.								
A&S	CHEM	CHEM	1205L	Survey of Chemistry for Health Sciences Laboratory	Laboratory	1	0	ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1205 or concurrent								
		COURSE DESC:		This course provides the laboratory component to accompany CHEM 1205 (Survey of Chemistry for Health Sciences) in examining the fundamentals of general, organic, and biological chemistry concepts with a focus on the chemistry of life.								
A&S	CHEM	CHEM	1210	Principles of Chemistry I	Laboratory	4	0	2NS; PNS	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	Lecture	4	0	2NS; PNS	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	Laboratory	4	0	2NS; PNS	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	1220	Principles of Chemistry II	Lecture	4	0	2NS; PNS	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	Laboratory	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	Lecture	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	1510	Fundamentals of Chemistry I	Laboratory	4	0	2NS; PNS	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	Lecture	4	0	2NS; PNS	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	Laboratory	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in CHEM 1510. No credit if CHEM 1220						
		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	Lecture	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in CHEM 1510. No credit if CHEM 1220						
		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	1520A	Honors Experience in Fundamentals of Chemistry II	Internship	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	CHEM 1520 concurrently and Ohio Honors student NC						
		COURSE DESC:		OHIO Honors curricular experience in Fundamentals of Chemistry II								
A&S	CHEM	CHEM	2410	Analytical Chemistry I: Quantitative Analysis and Electrochemistry	Lecture	3	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in CHEM 1520						
		COURSE DESC:		This course introduces quantitative techniques including volumetric and gravimetric methods of analysis and data processing, and analysis and modeling using mathematical tools, as well as modern electrochemical techniques and instrumentation with an emphasis on their applications in analytical chemistry. Topics include potentiometry, ion selective electrodes, amperometry, cyclic voltammetry, hydrodynamic voltammetry, pulse voltammetry, and stripping voltammetry.								
A&S	CHEM	CHEM	2410L	Analytical Chemistry I Lab	Laboratory	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	2970T	Chemistry Tutorial	Tutorial	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	Tutorial	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	Tutorial	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	2981T	Chemistry Tutorial	Tutorial	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	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Laboratory	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	Laboratory	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.								

**MASTER CURRICULUM FILE
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	3510	Physical Chemistry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in ((CHEM 1520) and (MATH 2301)) 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	Lecture	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	3922	Science Engagement Practicum	Practicum	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Soph or permission						
		COURSE DESC:		CR, PR In this course, students gain practical experience in applying evidence-based strategies for effective science communication and public engagement in informal learning environments. Particular emphasis is placed on an interdisciplinary approach incorporating the arts and humanities with science topics. Practicum experience site is as arranged by the instructor or as arranged by student with prior approval from instructor.								
A&S	CHEM	CHEM	3970T	Chemistry Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Tutorial study for third year students.								
A&S	CHEM	CHEM	3980T	Chemistry Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Tutorial study for third year students.								
A&S	CHEM	CHEM	4200	Science Research Literature and Writing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	24 hours in CHEM						
		COURSE DESC:		Instruction in use of science research literature and application to scientific writing.								
A&S	CHEM	CHEM	4310	Analytical Chemistry II: Chromatography and Spectroscopy	Lecture	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	Laboratory	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	4500	Fundamentals of Brewing Science	Laboratory	3	0	2AS; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	21 years of age at the time of enrollment, permission required, senior status						
		COURSE DESC:		Beer brewing has been practiced since ancient times. However, it is only within the last couple centuries that humankind has recognized the importance of yeast and microbial fermentation. These early revelations in brewing science have paved the way for great advances in molecular biology, biochemistry, and microbiology. The overall goal of this course is to provide students with basic fundamentals of biochemistry and microbiology necessary for successful applied craft brewing. This course aims to combine skills/concepts taken from microbiology (yeast propagation; inhibition of bacterial growth by hops and ethanol; bacterial contamination assays), biochemistry (intermediary metabolism; lipid biosynthesis; enzyme kinetics), engineering (fluid transfer; heat transfer; industrial fermentation), and plant biology (barley and hop cultivation and harvesting). A combination of lectures with hands-on lab exercises and field trips will be employed to reinforce lecture topics. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using an applied/experiential based approach. As such this course will prepare students with a wide range of key scientific concepts that can have direct application for careers in fermentation science.								
A&S	CHEM	CHEM	4500	Fundamentals of Brewing Science	Lecture	3	0	2AS; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	21 years of age at the time of enrollment, permission required, senior status						
		COURSE DESC:		Beer brewing has been practiced since ancient times. However, it is only within the last couple centuries that humankind has recognized the importance of yeast and microbial fermentation. These early revelations in brewing science have paved the way for great advances in molecular biology, biochemistry, and microbiology. The overall goal of this course is to provide students with basic fundamentals of biochemistry and microbiology necessary for successful applied craft brewing. This course aims to combine skills/concepts taken from microbiology (yeast propagation; inhibition of bacterial growth by hops and ethanol; bacterial contamination assays), biochemistry (intermediary metabolism; lipid biosynthesis; enzyme kinetics), engineering (fluid transfer; heat transfer; industrial fermentation), and plant biology (barley and hop cultivation and harvesting). A combination of lectures with hands-on lab exercises and field trips will be employed to reinforce lecture topics. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using an applied/experiential based approach. As such this course will prepare students with a wide range of key scientific concepts that can have direct application for careers in fermentation science.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	4501	The Principles of Brewing Science	Laboratory	3	0	3; BLD; CAP	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	Lecture	3	0	3; BLD; CAP	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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.								
A&S	CHEM	CHEM	4600	Spectroscopic Methods in Organic Chemistry	Lecture	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	Laboratory	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	4610	Nuclear Magnetic Resonance Spectroscopy Training	Seminar	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and Soph only						
		COURSE DESC:		Practical applications of Nuclear Magnetic Resonance Spectroscopy (NMR): introduction, experiments, and instrument training.								
A&S	CHEM	CHEM	4760	Modern Inorganic Chemistry	Lecture	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	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	4800	Advanced Organic Chemistry	Lecture	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	Lecture	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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 4901 or 4890 or BIOS 4630 or concurrent) and senior						
		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	Lecture	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	Laboratory	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	Lecture	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	Lecture	3	0	3; CAP	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	Laboratory	2	0	3; CAP	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.								
A&S	CHEM	CHEM	4880	Microscopy and Imaging	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	4901	Biochemistry I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 3060 and CHEM 4902		WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department):				
		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	Lecture	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	Laboratory	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	Internship	1 to 10	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required and forensic chemistry major						
		COURSE DESC:		Students perform supervised work in an approved forensic science lab to gain practical experience. Students are responsible for identifying and arranging internship opportunities that include a faculty advisor and a laboratory supervisor. Written and/or oral evaluations are administered by an internship committee.								
A&S	CHEM	CHEM	4911	Chemistry Internship	Internship	3	9	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission Required, Senior						
		COURSE DESC:		Students perform supervised work in an approved scientific lab or industry equivalent to gain practical experience. Students are responsible for identifying and arranging internship opportunities that include a faculty advisor and an industry supervisor. Written and/or oral evaluations are administered by an internship committee.								
A&S	CHEM	CHEM	4940	Undergraduate Research	Research	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	(Jr or Sr) and 2.75 GPA						
		COURSE DESC:		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	Research	1 to 5	15		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required and in department honors						
		COURSE DESC:		Independent work for meritorious chemistry majors pursuing departmental honors.								
A&S	CHEM	CHEM	4941	Undergraduate Research	Research	3	0	3; BLD; CAP	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Tutorial study for fourth year students.								
A&S	CHEM	CHEM	4980T	Chemistry Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Tutorial study for fourth year students.								
A&S	CHEM	CHEM	5100	Chemistry Teaching Assistant Training	Lecture	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	Science Research Literature and Writing	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Instruction in use of science research literature and application to scientific writing.								
A&S	CHEM	CHEM	5310	Analytical Chemistry II: Chromatography and Spectroscopy	Lecture	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 emission and X-ray methods of analysis.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	5310L	Analytical Chemistry II Lab	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Laboratory work to accompany 4310.								
A&S	CHEM	CHEM	5500	Fundamentals of Brewing Science	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		21 years of age at the time of enrollment, permission required Beer brewing has been practiced since ancient times. However, it is only within the last couple centuries that humankind has recognized the importance of yeast and microbial fermentation. These early revelations in brewing science have paved the way for great advances in molecular biology, biochemistry, and microbiology. The overall goal of this course is to provide students with basic fundamentals of biochemistry and microbiology necessary for successful applied craft brewing. This course aims to combine skills/concepts taken from microbiology (yeast propagation; inhibition of bacterial growth by hops and ethanol; bacterial contamination assays), biochemistry (intermediary metabolism; lipid biosynthesis; enzyme kinetics), engineering (fluid transfer; heat transfer; industrial fermentation), and plant biology (barley and hop cultivation and harvesting). A combination of lectures with hands-on lab exercises and field trips will be employed to reinforce lecture topics. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using an applied/experiential based approach. As such this course will prepare students with a wide range of key scientific concepts that can have direct application for careers in fermentation science.								
A&S	CHEM	CHEM	5500	Fundamentals of Brewing Science	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		21 years of age at the time of enrollment, permission required Beer brewing has been practiced since ancient times. However, it is only within the last couple centuries that humankind has recognized the importance of yeast and microbial fermentation. These early revelations in brewing science have paved the way for great advances in molecular biology, biochemistry, and microbiology. The overall goal of this course is to provide students with basic fundamentals of biochemistry and microbiology necessary for successful applied craft brewing. This course aims to combine skills/concepts taken from microbiology (yeast propagation; inhibition of bacterial growth by hops and ethanol; bacterial contamination assays), biochemistry (intermediary metabolism; lipid biosynthesis; enzyme kinetics), engineering (fluid transfer; heat transfer; industrial fermentation), and plant biology (barley and hop cultivation and harvesting). A combination of lectures with hands-on lab exercises and field trips will be employed to reinforce lecture topics. This course exploits a general public interest in alcohol and its production to demonstrate fundamental scientific concepts using an applied/experiential based approach. As such this course will prepare students with a wide range of key scientific concepts that can have direct application for careers in fermentation science.								
A&S	CHEM	CHEM	5510	Physical Chemistry	Lecture	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		CHEM 5530 or 553 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		B or better in CHEM 5800 or 5805 Modern spectroscopic methods as employed in organic chemical research: NMR, IR, mass spectrometry, and UV.								
A&S	CHEM	CHEM	5610	Nuclear Magnetic Resonance Spectroscopy Training	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Practical applications of Nuclear Magnetic Resonance Spectroscopy (NMR): introduction, experiments, and instrument training.								
A&S	CHEM	CHEM	5710	Graduate chemistry research training	Laboratory	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	5710	Graduate chemistry research training	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	5800	Advanced Organic Chemistry	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Structural theory, stereochemistry, reactive intermediates, and reaction mechanisms.								
A&S	CHEM	CHEM	5805	Advanced Organic Synthesis: Reactions and Mechanisms	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5810	Medicinal Chemistry and Drug Discovery	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5840	Forensic Chemistry I: Arson, Explosives and DNA	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5840L	Forensic Chemistry I lab: Arson, Explosives and DNA	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Graduate Status Laboratory to accompany CHEM 4840.								
A&S	CHEM	CHEM	5850	Introduction to Toxicology	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5860	Advanced Analytical Chemistry	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5870	Forensic Chemistry II: Procedures, Drugs and Trace Analysis	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5870L	Forensic Chemistry II Lab	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Laboratory work to accompany 4870.								
A&S	CHEM	CHEM	5880	Microscopy and Imaging	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5890	Basic Biochemistry	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	CHEM	CHEM	5900	Special Topics in Chemistry	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
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A&S	CHEM	CHEM	5901	Biochemistry I	Lecture	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	Lecture	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	5911	Chemistry Internship	Internship	3	9		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F	Students perform supervised work in an approved scientific lab or industry equivalent to gain practical experience. Students are responsible for identifying and arranging internship opportunities that include a faculty advisor and an industry supervisor. Written and/or oral evaluations are administered by an internship committee.							
A&S	CHEM	CHEM	5920	Chemistry Teaching Practicum	Practicum	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	5922	Science Engagement Practicum	Practicum	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	In this course, students gain practical experience in applying evidence-based strategies for effective science communication and public engagement in informal learning environments. Particular emphasis is placed on an interdisciplinary approach incorporating the arts and humanities with science topics. Practicum experience site is as arranged by the instructor or as arranged by student with prior approval from instructor.							
A&S	CHEM	CHEM	6900	Special Topics in Chemistry	Lecture	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	Thesis	.5 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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	7150	Advanced Special Topics in Biochemistry	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5890 or (5900 or 590)								
		COURSE DESC:		Seminar contents varies.								
A&S	CHEM	CHEM	7160	Enzymology	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5890 or 5901								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5902 or permission.								
		COURSE DESC:		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 bioorthogonal fluorescent reporters, and applications of small molecules in developmental biology.								
A&S	CHEM	CHEM	7260	Electroanalytical Chemistry	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5310 or 5860								
		COURSE DESC:		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5860								
		COURSE DESC:		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5760								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5510								
		COURSE DESC:		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5510								
		COURSE DESC:		Theoretical principles of rotational, vibrational, and electronic spectra of diatomic and polyatomic molecules.								
A&S	CHEM	CHEM	7750	Theoretical Inorganic Chemistry	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5760								
		COURSE DESC:		Theoretical principles underlying physical and chemical behavior of inorganic substances.								
A&S	CHEM	CHEM	7760	Chemistry of the Representative Elements	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5760								
		COURSE DESC:		Descriptive chemistry of main group elements.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	CHEM	7770	Chemistry of Transition Elements	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 7750						
		COURSE DESC:		Descriptive chemistry of transition elements and their coordination compounds.								
A&S	CHEM	CHEM	7780	Chemistry of Heavy Elements	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 7750						
		COURSE DESC:		Descriptive chemistry of lanthanides, actinides, and selected heavy metals.								
A&S	CHEM	CHEM	7900	Special Topics in Inorganic Chemistry	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 5760						
		COURSE DESC:		Lectures in this seminar varies.								
A&S	CHEM	CHEM	7901	Special Topics in Organic Chemistry	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 5800						
		COURSE DESC:		Selected topics of current interest.								
A&S	CHEM	CHEM	7950	Special Topics in Physical Chemistry	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 5510						
		COURSE DESC:		Lectures in this seminar varies.								
A&S	CHEM	CHEM	8900	Special Topics in Chemistry	Lecture	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	Seminar	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Thesis	.5 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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
A&S	CHEM	T3	4922	Science Engagement Research	Seminar	3	0	3	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 3922 and Senior and permission						
		COURSE DESC:		In this course, students work on a research team project to design, develop, deliver and assess science learning opportunities in informal environments (e.g., museums, libraries, media). Particular attention is focused on an interdisciplinary approach incorporating the arts and humanities with science topics.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	CLAR	3640	Craft and Technology in the Roman World	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
A&S	CLWR	CLAR	3660	Archaeology and Art: Contexts and Controversies	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
A&S	CLWR	CLAS	4931H	Departmental Honors Thesis	Ind Study	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	(Classical civilization or classical languages major) and Jr only and 3.5 GPA						
		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	5900	Special Topics in Classics	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Special topics in Classical literature, civilization and archaeology.								
A&S	CLWR	CLAS	5930	Independent Study in Classical Literature	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR Supervised reading on a specific topic in classical literature or civilization.								
A&S	CLWR	CLWR	4420	Religious Experience	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	5330	Islam	Lecture	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	Lecture	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	GK	1110	Beginning Greek I	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	GK	2110	Intermediate Greek I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	3120	Greek Drama	Lecture	3	0		N	U30		0
		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.								
A&S	CLWR	GK	3130	Greek Sophists and Philosophers	Lecture	3	0		N	U30		0
		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.								
A&S	CLWR	GK	3140	Greek Historians	Lecture	3	0		N	U30		0
		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.								
A&S	CLWR	GK	3160	The Greek New Testament and the Milieu of Early Christianity	Lecture	3	0		N	U30		0
		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.								
A&S	CLWR	GK	4900	Special Topics in Greek Literature	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2120								
		COURSE DESC:		Special topics in Greek literature, authors and genres.								
A&S	CLWR	GK	4930	Independent Study in Greek	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GK 2120 or 3 years Greek								
		COURSE DESC:		PR Independent or guided study in topics of Greek literature								
A&S	CLWR	GK	5010	Beginning Greek I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.								
A&S	CLWR	GK	5020	Beginning Greek II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5010								
		COURSE DESC:		CR, PR 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	5110	Intermediate Greek I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GK 5020								
		COURSE DESC:		CR, PR Study of short readings from ancient authors. Examples include the Platonic myths of creation (Protagoras) and of sexuality (Symposium).								

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A&S	CLWR	GK	5120	Intermediate Greek II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Beginning demotic (modern) Greek.								
A&S	CLWR	GK	5720	Demotic Greek II	Lecture	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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Special topics in Greek literature, authors and genres.								
A&S	CLWR	GK	5930	Independent Study in Greek	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent or guided study in topics in Greek literature.								
A&S	CLWR	LAT	1110	Beginning Latin I	Lecture	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	Lecture	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	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LAT 1120 or 2-3 years H S Latin								
		COURSE DESC:		This course continues the emphasis on reading skills developed in the first year. Coursework involves reading numerous prose excerpts from a variety of authors; content primarily focuses on Roman historical prose as well as some poetry.								
A&S	CLWR	LAT	2120	Intermediate Latin II	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	LAT	2900	Special Topics in Latin	Lecture	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	CLWR	LAT	3110	Latin Prose and Poetry I	Lecture	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	Lecture	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.								
A&S	CLWR	LAT	4110	Advanced Latin Literature I	Lecture	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	Lecture	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	Lecture	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 Study	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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. (Credit does not count toward degree.)								
A&S	CLWR	LAT	5020	Beginning Latin II	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5020 or equivalent								
		COURSE DESC:		CR, PR This course continues the emphasis on reading skills developed in the first year. Coursework involves reading numerous prose excerpts from a variety of authors; content primarily focuses on Roman historical prose as well as some poetry.								
A&S	CLWR	LAT	5120	Studies in Latin Literature of the Republic II	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	CLWR	LAT	5220	Studies in Latin Literature of the Early Empire II	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	1000	Survey of Economics	Lecture	3	0	2SS; PSBS	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	Lecture	3	0	2SS; PSBS	N	U10		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	Lecture	3	0	2SS; PSBS	N	U10		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	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course takes an interdisciplinary approach to examine ways in which gender, as a culturally defined concept, affects the economy. It looks at current and historical trends in gender differences in the economy. It uses economic and behavioral models to explain outcomes related to gender and the economy. Through the course, students learn how societal prescriptions tied to an individual's gender identity affect economically relevant choices.								
A&S	ECON	ECON	2130	Current Economic Problems	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		This course introduces students to basic economic theories and applies theory to current economic problems with emphasis on public policy implications.								
A&S	ECON	ECON	2150	Frontiers of Economics	Seminar	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is an in-depth exploration of novel policy issues confronting economists today. It considers cutting-edge issues in economics that are relevant to public policy. It explores divergent thought on the issue and considers strengths and weaknesses of differing policy objectives and related proposals. There is a special emphasis on the role innovation can play in addressing these issues. While topics and analysis stem from economics, the course also provides a setting for students to engage in critical thinking by identifying innovative solutions to cutting-edge problems.								
A&S	ECON	ECON	2200	Introduction to Economic Data Analysis Using Python	Lecture	3	0	2AS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces programming and statistics to students from different majors and teaches techniques that apply across many disciplines. No prior programming or statistics experience is necessary. The course introduces students to Python programming language to develop the ability to apply economic analysis and prediction techniques to real-world scenarios through working with real-world data sets. Topics covered include data types, tables, sequences, visualization, causality and experiments, testing hypotheses, estimation, prediction, and inference for regression.								
A&S	ECON	ECON	2300	Society, Technology and Economic Growth	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		In this course students examine the interactions between society and technology and the implications of the principles of the new economic growth theory. New economic growth theory is explored as a component of the history of economic thought. Special attention is paid to how the introduction and spread of new technologies occur in an endogenous manner. Synergies between technology and society have the potential to produce positive economic and social change. Students examine the hypothesis of possible synergies and the evidence to date for or against.								
A&S	ECON	ECON	2350	Sustainability Economics: Energy and Environment in the Modern World	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the connection between the modern energy sectors and environmental policies focusing on sustainable economic outcomes. Students engage with the concept of sustainability from an economic perspective. Students learn the current trends affecting energy sectors and how these trends impact sustainable environmental targets. Key environmental policies related to energy sectors are understood with respect to their economic benefits and costs. The critical, two-way interactions between sustainable energy sector outcomes and environmental policies are explored.								
A&S	ECON	ECON	2400	International Trade Relations and Applications	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines the basic principles that govern international trade and their current applications. The emphasis is on the empirical evidence of world trade patterns and trade policies of both developed and developing nations. Topics include: the principle of comparative advantage; tariffs and non-tariff trade barriers; industrial policies; World Trade Organization (WTO); regional trade agreements; multinational enterprises.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	ECON	ECON	2510	Global and Local Food Economies	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This is an introductory course on the global and local food economy. The class includes an overview of global food production and agriculture with particular focus on the developing regions of the world. Topics range from an examination of the inter-relatedness of economic growth, population growth, and environmental degradation to analyses of food security, agricultural policies, and innovations relevant to the food economy. Introductory economic theory provides the backdrop used to analyze these complex, multidisciplinary issues. The class includes a field component with visits to local farms and food distribution networks.								
A&S	ECON	ECON	2600	Economics of Health Disparities	Seminar	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		The course explores health disparities from an economic point of view. The term health disparities in health economics refers to differences in health across two groups of people. The course applies economic theory to analyzing public policy issues regarding differences in health outcomes. We explore why health disparities occur and how economic policy could be used (or could not be used) to correct for these disparities. Topics include social and economic determinants of health and discrimination in health care.								
A&S	ECON	ECON	2700	Economics of Conflict	Lecture	3	0	2SS; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course applies basic economic toolkits to study conflicts. Topics include but are not limited to economic causes and consequences of conflicts, conflict types and resource allocation decisions, economic choices in anarchic environments, economic incentives and bargaining failures.								
A&S	ECON	ECON	2890	Economic Data Analysis with Excel and SAS	Lecture	3	0	2AS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: No credit if taken after ECON 4890 The course teaches students how to use Excel and SAS software packages to analyze economic data. Students learn how to locate real-world data from various online sources. They also learn how to use statistical software to analyze the data using basic statistical and econometric methods. Students also work on empirical projects in Excel and SAS to investigate important policy issues that face societies.								
A&S	ECON	ECON	2900	Special Topics in Economics	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	Specific course content will vary with offering.							
A&S	ECON	ECON	2970T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC	CR, PR Tutorial on topics in microeconomics.							
A&S	ECON	ECON	2971T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC	CR, PR Tutorial on topics in advanced microeconomics.							
A&S	ECON	ECON	2980T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC	CR, PR Tutorial on topics in macroeconomics.							
A&S	ECON	ECON	2981T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC	CR, PR Tutorial on topics in advanced macroeconomics.							
A&S	ECON	ECON	3000	Mathematics for Economists	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: ECON 1030 and 1040	CR Mathematical analysis in economics. Calculus and matrix algebra techniques used prominently in economics literature, together with their application to selected problems in economics.							
A&S	ECON	ECON	3010C	Economics of Altruism	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	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	3020	Games and Economic Behavior	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECON 1030 and Warning: No credit for both this course and the following (always deduct credit for first course taken): POLS 4070	This course studies strategic interactions where each player seeks to anticipate the moves of the other players and each knows that the others are doing the same. The emphasis is on applications of game theory in economics, business and finance.							

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	ECON	ECON	3030	Intermediate Microeconomics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030								
		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	3040	Intermediate Macroeconomics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1040								
		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	3050	Managerial Economics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 1350 or 2301 or 2302)								
		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.								
A&S	ECON	ECON	3070	Economic Data Analysis	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (ECON 1030 or 1040) and (3810 or QBA 2010)								
		COURSE DESC:		PR 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	3080	Behavioral Economics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030								
		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.								
A&S	ECON	ECON	3100J	Writing on Economic Issues	Lecture	3	0	1J; FAW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (Jr or Sr)								
		COURSE DESC:		This course teaches students to write about economic issues for a general audience.								
A&S	ECON	ECON	3120	Economics of Poverty	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030								
		COURSE DESC:		Incidence, causes, measurement and analysis of poverty worldwide.								
A&S	ECON	ECON	3120C	Economics of Poverty	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030								
		COURSE DESC:		Incidence, causes, measurement and analysis of poverty worldwide. This is a designated service learning course								
A&S	ECON	ECON	3130	Economics of the Environment	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 1350 or 2301 or 2302)								
		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	3140	Natural Resource Economics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and (MATH 163A or 1350 or 2301 or 2302)								
		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	3150	Economics of Health Care	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1030 and 1040								
		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	3160	Economics and the Law	Lecture	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.								

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A&S	ECON	ECON	3200	Labor Economics	Lecture	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	3200A	Honors Experience: Labor Economics	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	ECON 3200 concurrent and student in the OHIO Honors program						
		COURSE DESC:		OHIO Honors curricular experience in Labor Economics.								
A&S	ECON	ECON	3220	Economics of Human Resources	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	ECON	ECON	3500	Development Economics	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	3520	Economic History of the United States	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Tutorial on topics in an economics field.								
A&S	ECON	ECON	3980T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Tutorial on topics in an economics field.								
A&S	ECON	ECON	4060	Monetary Theory and Policy	Lecture	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	Lecture	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.								
A&S	ECON	ECON	4250	Government and Economic Policy	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	4740	Economics of Latin America	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ECON 3040 and (3030 or 3050) and (3810 or QBA 2720)						
		COURSE DESC:		In this course, students engage in independent research using real-world data. It utilizes statistical testing of economic hypotheses using research methods of economic analysis. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.								
A&S	ECON	ECON	4870	Introduction to Econometrics	Lecture	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	Lecture	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	Lecture	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	Internship	1 to 3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR	This course enables students to work as an intern using economic principles, research skills, critical thought, and/or quantitative/qualitative analysis. After an internship is identified, students submit an application to the Department of Economics in the semester preceding the internship. Once the internship is approved and completed, students write a paper that reflects on their experience and get 1-3 credit hours in the semester during or following the internship.							
A&S	ECON	ECON	4930	Readings	Ind Study	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	Research	1 to 3	0	BLD	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Thesis Tutorial								
A&S	ECON	ECON	4980T	Economics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Thesis Tutorial								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5010C	Economics of Altruism	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				This course studies strategic interactions where each player seeks to anticipate the moves of the other players and each knows that the others are doing the same. The emphasis is on applications of game theory in economics, business and finance.								
A&S	ECON	ECON	5030	Intermediate Microeconomics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
A&S	ECON	ECON	5060	Monetary Theory and Policy	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Incidence, causes, measurement and analysis of poverty worldwide.								
A&S	ECON	ECON	5120C	Economics of Poverty	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Incidence, causes, measurement and analysis of poverty worldwide.								
A&S	ECON	ECON	5130	Economics of the Environment	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5140	Natural Resource Economics	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	ECON	ECON	5300	Public Finance	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6002								
		CR, PR										
		COURSE DESC:		This course examines the theory and practice of economic, health, safety, and environmental regulations.								
A&S	ECON	ECON	5400	International Trade	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5410	International Monetary Systems	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5500	Development Economics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	5510	Agricultural Development	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	5520	Economic History of the United States	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Analysis of African Economies								
A&S	ECON	ECON	5600	Money and Banking	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Role of money and banking system in determination of national income and output.								
A&S	ECON	ECON	5710	Cost Benefit Analysis	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	5760	Economics of Korea, Japan, and Southeast Asia	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Study the economic characteristics, current economic problems, and future growth prospects for these economies.								
A&S	ECON	ECON	5810	Economic Statistics	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	5850	Economic Methodology	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course, students engage in independent research using real-world data. It utilizes statistical testing of economic hypotheses using research methods of economic analysis. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.								
A&S	ECON	ECON	5890	Economics with SAS	Lecture	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	Laboratory	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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 3030 or 3050								
		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6030								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	6040	Advanced Macroeconomic Theory	Lecture	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.								
A&S	ECON	ECON	6041	Advanced Macroeconomic Theory II	Lecture	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	Lecture	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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		This class will be a seminar to cover special topics in Economics.								
A&S	ECON	ECON	6910	Internship	Internship	4 to 8	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		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 Study	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	ECON	6940	Research	Research	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Research in selected fields in economics under supervision of staff member.								
A&S	ECON	ECON	6950	Master's Thesis	Thesis	.5 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		Writing of scholarly papers in areas of economics. Required for all master's candidates.								
A&S	ECON	ECON	6960	Master's Paper	Seminar	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		Writing of scholarly papers in areas of economics.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	ECON	6980	Colloquium	Seminar	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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Solid foundation in the environment of financial reporting.								
A&S	ECON	MFE	6200	Corporate Finance	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE: MFE 6390							
		COURSE DESC:		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		The decision making process in the management of individual and institutional securities portfolios.								
A&S	ECON	MFE	6250	Financial Management and Equity Valuation	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course presents tools and theories used by investors to identify and evaluate equities and examines in depth the relationship between investment risks and returns. It has two modules. The first module is based on financial management. It covers finance and investment decisions from the profit-maximizing firm's perspective. The second module is based on equity valuation. It covers the principles of valuation for common stock (equities) and the principles of portfolio management for equity portfolios.								
A&S	ECON	MFE	6390	Statistics and Econometrics: Theory and Application	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Classical linear regression and various diagnostic tests and remedies for violations of classical assumptions, and various forecasting models.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	MFE	6400	International Macroeconomics and Financial Markets	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is built on the Classical and Keynesian views of the economy. It focuses on international macroeconomics and financial markets. In particular, it analyzes the benefits of international trade and examines the role of trade policies such as tariffs and quotas. The course also examines exchange rates and interest rates and how equilibrium is reached in the foreign exchange markets. It takes a closer look at the structure of international capital markets and discusses international banking and the difficulties associated with regulating international banking.								
A&S	ECON	MFE	6440	Futures, Options, and Other Derivatives	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is a risk management course dealing with contract specifications. It takes an in-depth look at the characteristics of options and futures trading procedures. It also looks at the pricing mechanism that joins the commodity, options, futures, and futures options markets together.								
A&S	ECON	MFE	6500	Fixed Income Analysis	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	Lecture	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	ECON	MFE	6910	Internship	Internship	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	Complete an internship and write a paper on topic in financial economics.							
A&S	ECON	MFE	6930	Independent Study	Ind Study	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Readings in selected fields in economics under direction of staff member.							
A&S	ECON	MFE	6940	Research	Research	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Research in selected fields of financial economics under supervision of staff member.							
A&S	ECON	MFE	6944	Code of Ethics and Standards of Practice	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MFE 6230, 6500						
		COURSE DESC:		This course is based on the Chartered Financial Analyst (CFA) Code of Ethics and Standards of Professional Conduct (Code and Standards) that CFA Institute members or CFA Program candidates are required to follow. High ethical standards are critical to maintaining the public's trust in financial markets and in the investment profession. This course examines the inter-connectedness of the aspirational and practical principles and provisions of the Code and Standards. It also teaches students how to apply the ethical decision-making framework according to the complex ethical requirements in relation to the investment industry.								
A&S	ECON	MFE	6945	Financial Research Report	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	MFE 6110, 6220, 6230, 6390, 6440, 6500						
		COURSE DESC:		PR, F	This course prepares students to work with large financial data sets and trains them to prepare a professional quality financial research report under the supervision of a faculty member.							
A&S	ECON	MFE	6950	Master's Thesis	Thesis	.5 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	MFE 6000 and 6390						
		COURSE DESC:		PR, F	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	Seminar	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	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F	Selected topics of current interest.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	D150	Developmental Writing Skills	Seminar	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	Seminar	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. Not open to College Credit Plus students (program codes ND9955 and ND9956).				
		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	1100	Crossing Cultures with Text	Lecture	3	0	2CP; FIE; PHTC	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An introduction to the ways in which different cultures meet, cross, and sometimes clash through the exploration of cross-cultural texts. This class foregrounds issues of race, gender, sexuality, ability, and other differences and how such identities complicate cultural and cross-cultural perspectives utilizing the lens of English studies.								
A&S	ENG	ENG	1510	Writing and Rhetoric I	Lecture	3	0	1E; FWS	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	1510L	Writing and Rhetoric I Laboratory	Laboratory	1	0		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	ENG 1510 placement plus recommendation for ENG 1510L. Permission only. Not open to College Credit Plus students (ND9955 and ND9956).						
		COURSE DESC:		Provides foundation for writing skills through attention to coherence, mechanics, syntax, and writing conventions and is taken concurrently with ENG 1510. Does not satisfy Tier I or Arts and Sciences Humanities requirements, but rather offers instructional support for students enrolled in ENG 1510.								
A&S	ENG	ENG	1600	Introduction to Shakespeare in Film	Lecture	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	Lecture	4	0	1E; FWS	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	Lecture	3	0	2HL; PHTC	N	U30		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 different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing). Students acquire and deploy a critical vocabulary in learning to read and analyze these texts.								
A&S	ENG	ENG	2020	Introduction to Poetry and Drama	Lecture	3	0	2HL; PHTC	N	U30		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 different forms of poetry and drama. Students acquire and deploy a critical vocabulary in learning to read and analyze these texts.								
A&S	ENG	ENG	2100	Critical Approaches to Popular Literature	Lecture	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	2100A	Honors Experience: Critical Approaches to Reading, Writing, and Playing Fantasy	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	ENG 2100 concurrently and Ohio Honors student						
		COURSE DESC:		NC OHIO Honors curricular experience in Critical Approaches to Reading, Writing, and Playing Fantasy								
A&S	ENG	ENG	2200	Introduction to Literature and Medicine	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I English						
		COURSE DESC:		Introduces students to analyzing how literary texts, including poetry, drama, fiction and non-fiction prose, and film, construct normative understandings of the human body through representations of medicine, wellness, illness, disability, and death.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	2310	Speculative Fiction	Lecture	3	0	2HL; ACSW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Through critical reading, students consider how texts that ask "What if?" encourage us to rethink approaches to science, technology, and/or the structures of society, which may include broader questions regarding the status of the human and nonhuman. Students explore the topics, concerns, and forms of fiction that fall under the broad umbrella of speculative, such as science-fiction, fantasy, horror, alternate history, and others. Students apply principles of literary analysis to a variety of texts that may include novels, short stories, poetry, and other speculative genres/media.								
A&S	ENG	ENG	2320	Literature and Social Justice	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students explore the relationship between literary texts--including poetry, drama, fiction and non-fiction prose, and film--and issues of social justice. Students consider how literature helps readers to recognize and confront oppressive power structures, including institutional and systemic discrimination and bias based on race, sex/gender, sexuality, religion, and economic status, as well as to imagine and pursue more just modes of social organization.								
A&S	ENG	ENG	2510	British Literature I	Lecture	3	0	2HL; PHTC	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides a broad survey of British literatures to 1785. Students will explore significant literary movements, innovations, and authors, placing them in their historical and cultural context.								
A&S	ENG	ENG	2520	British Literature II	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides a broad survey of British literatures from 1785 to the present, including colonial and post-colonial works. Students explore significant literary movements, innovations, and authors, placing them in their historical and cultural context.								
A&S	ENG	ENG	2530	American Literature I	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides a broad survey of American literatures to 1865. Students explore significant literary movements, innovations, and authors, placing them in their historical and cultural context.								
A&S	ENG	ENG	2540	American Literature II	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides a broad survey of American literatures from 1865 to the present. Students explore significant literary movements, innovations, and authors, placing them in their historical and cultural context.								
A&S	ENG	ENG	2800	Writing with Research	Lecture	3	0	1J; FAW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ENG 1510 or 1610 In this dedicated writing course, students explore how academic writing functions in the creation of knowledge and contributes to ongoing scholarly and public conversations. Students are invited to engage in academic writing (particularly researched arguments) as emerging scholars and find answers to their important questions. The course offers practice in effective library research, techniques of documentation (e.g. APA), and the sharing of research findings through multiple means (e.g. research paper, video, speech, social media).								
A&S	ENG	ENG	2820	Writing About Literature as Social Action	Lecture	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B 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	Lecture	3	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Specific course content will vary with offering.								
A&S	ENG	ENG	2970T	Introduction to English Studies	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				Admission to Honors Tutorial Program in English 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	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC 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	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC 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.).								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	2981T	American Literature	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		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	Lecture	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	Lecture	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	3030J	Writing, Reading, and Rhetoric in the Professions	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								
A&S	ENG	ENG	3040	English Bible	Lecture	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:		Selected prose and poetry of the Hebrew and Christian scriptures.								
A&S	ENG	ENG	3050J	Advanced Multilingual Writing and Rhetoric	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								
A&S	ENG	ENG	3060A	Honors Experience: Women and Writing: New Woman Fiction	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: ENG 3060J concurrent and student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in Women and Writing: New Woman Fiction								
A&S	ENG	ENG	3060J	Women and Writing	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		Practice in developing essays on women and their interests, on women and writing, and on gender issues.								
A&S	ENG	ENG	3070J	Writing and Research in English Studies	Lecture	3	0	1J; FAW	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								
A&S	ENG	ENG	3080J	Writing and Rhetoric II	Lecture	3	0	1J; FAW	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								
A&S	ENG	ENG	3090J	Writing in the Sciences	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								
A&S	ENG	ENG	3100J	Writing About Environmental Sustainability	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3110	English Literature to 1500	Seminar	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:		Authors, works, and genres of Old and Middle English literature.								
A&S	ENG	ENG	3120	English Literature: 1500-1660	Lecture	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:		Authors, works, and genres of Renaissance English literature.								
A&S	ENG	ENG	3130	English Literature: 1660-1800	Lecture	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:		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	Lecture	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:		Authors, works, and genres of Romantic and Victorian English literature.								
A&S	ENG	ENG	3140A	Honors Experience in English Literature: 1800-1900	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	ENG 3140 and Ohio Honors NC						
		COURSE DESC:		OHIO Honors curricular experience in English Literature: 1800-1900								
A&S	ENG	ENG	3150	English Literature: 1900 to Present	Lecture	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:		Authors, works, and genres of British literature from 1900 to the present.								
A&S	ENG	ENG	3210	American Literature to 1865	Lecture	3	0		N	U30	CORRESPOND	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:		Authors, works, and genres of American literature from the beginnings through the Civil War.								
A&S	ENG	ENG	3220	American Literature: 1865-1918	Lecture	3	0		N	U30	CCE, CORRESPOND	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:		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	3230	American Literature: 1918 to Present	Lecture	3	0		N	U30	CCE	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:		Authors, works, and genres of American literature from the 20th- century to the present.								
A&S	ENG	ENG	3240	Jewish American Literature	Lecture	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:		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's Literature	Lecture	3	0	BDP	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1100 or ENG 2010 or 2020 or 2 courses above ENG 2000 or (Jr or Sr)						
		COURSE DESC:		Introduces students to a variety of literary genres and works written by women. Emphasis is on exploring ways that women authors, including those from international and historically marginalized communities, negotiate diverse cultural expectations and/or their own identity positions. Students practice critical reading and literary analysis in light of cultural, historical, and intersectional perspectives.								
A&S	ENG	ENG	3260	Queer Literature	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 2010 or 2020 or 2 courses above ENG 2000 or (Jr or Sr)						
		COURSE DESC:		Surveys lesbian, gay, bisexual, transgender, and queer (LGBTQ) literature with an emphasis on the representation of LGBTQ identities and experiences across genres and historical periods. Students practice critical reading and analysis in light of differing cultural, historical, and intersectional perspectives.								
A&S	ENG	ENG	3270	Queer Rhetorics and Writing	Lecture	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:		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	Lecture	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:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3290	Rhetoric and Law	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Black Literature to 1930	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1100 or ENG 2010 or 2020 or 2 courses above ENG 2000 or (Jr or Sr)						
		COURSE DESC:		Explores authors, works, genres, and topics in Black literature in the Americas up to 1930.								
A&S	ENG	ENG	3380	Ethnic American Literature	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1100 or ENG 2010 or 2020 or 2 courses above ENG 2000 or (Jr or Sr)						
		COURSE DESC:		Focuses on ethnicity and/or race in American literature. Through reading works by writers from historically marginalized communities, students explore ways in which literary representation and self-representation reflect, construct, and challenge ethnic and national identity.								
A&S	ENG	ENG	3390	Black Literature from 1930 to the Present	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1100 or ENG 2010 or 2020 or 2 courses above ENG 2000 or (Jr or Sr)						
		COURSE DESC:		Explores authors, works, genres, and topics in Black literature of the Americas from 1930 to the present.								
A&S	ENG	ENG	3400	Introduction to Analysis of Moving Image Texts	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3450	Intercultural Adaptations: Answering the Anglo-American Literary Canon GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0	BDP	N	U30		0
				Students read texts from the Anglo-American literary canon and examine adaptations of or "answers" to those texts created within the context of entirely different cultures, some of which were the objects of English/European cultural influence or dominance. Discussion and written assignments focus on the revision, transformation, or decentering of the primary literary work when "read" or revised by creative artists from outside of the Anglo-English cultural tradition. The culturally-diverse adaptations of canonical texts might take the form of literature, film, or any other creative artifact (such as a graphic novel); students analyze the connections between paired texts in order to identify the contradictions within their foundational assumptions and value systems and develop strategies to interpret and appreciate the creative achievements of distinct cultures.								
A&S	ENG	ENG	3490	History of Books and Printing GEC1: A-F REQUISITE: COURSE DESC:	Seminar	3	0		N	U30		0
				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 GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30		0
				Grammatical understanding and awareness of relationships in sentence structure, usage, and punctuation.								
A&S	ENG	ENG	3510	The History of the English Language GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30		0
				Examines changes affecting English; sound patterns, grammatical forms, vocabulary, and semantic values.								
A&S	ENG	ENG	3550	Global Literature GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0	BDP	N	U30		0
				Presents a variety of texts to acquaint students with non-Western literary traditions. Students in this course will practice critical reading and analysis across a variety of genres representing differing historical, cultural, transnational, multi-cultural and socio-political contexts.								
A&S	ENG	ENG	3560	Young Adult Literature GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30		0
				Examines the historical development and characteristics of young adult literature, including a focus on methods of instruction.								
A&S	ENG	ENG	3570	Law and Literature GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0	2HL	N	U30		25
				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	3570A	Honors Experience: Law and Literature GEC7: CR, F, REQUISITE: COURSE DESC:	Ind Study	0	0		N	U30		0
				OHIO Honors curricular experience in Law and Literature.								
A&S	ENG	ENG	3610	Creative Writing: Fiction GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30	CORRESPOND	0
				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 GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30	CORRESPOND	0
				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 GEC1: A-F REQUISITE: COURSE DESC:	Lecture	3	0		N	U30		0
				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 GEC1: A-F REQUISITE: COURSE DESC:	Seminar	3	0		N	U30		0
				An introduction to the issues and practices of literary magazine editing and publishing, with an examination of both print journals and web-based magazines.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3820	Writing About Genre	Seminar	3	0	2HL	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	Lecture	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	3850	Writing About Culture and Society	Seminar	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or ENG 1610) and (Soph or Jr or Sr)						
		COURSE DESC:		How does writing work to create and shape cultures? How do cultures represent and preserve themselves through writing and other composing practices? In this course on the rhetorics of marginalized cultures, students read, analyze, and write about the cultures and rhetorical practices of marginalized groups with a focus on the culture of one or more groups historically underrepresented or misrepresented in popular and academic cultures. Writing assignments comprise the majority of the grade in this dedicated writing course.								
A&S	ENG	ENG	3860	Composing in New Media	Lecture	3	0	BLD	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or ENG 1610) and (Soph or Jr or Sr)						
		COURSE DESC:		Explores the expansion of written communication through emerging technologies called new media. Students develop a theoretical framework for relationships among new media, rhetoric, literacy, and textual genres as well as a rhetorical and practical skillset. The course culminates in a capstone creative project requiring student-led design, composition, and reflection and incorporating feedback from peers and the instructor along the way.								
A&S	ENG	ENG	3870C	Composing for the Community	Field	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (Soph or Jr or Sr)						
		COURSE DESC:		In this service learning course, students develop as composers of print and/or multimodal projects to support community organizations. Students learn about the history, services, and needs of community organizations and create materials (e.g. brochures, posters, handbooks, websites, social media posts) based on the organization's needs.								
A&S	ENG	ENG	3870C	Composing for the Community	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (Soph or Jr or Sr)						
		COURSE DESC:		In this service learning course, students develop as composers of print and/or multimodal projects to support community organizations. Students learn about the history, services, and needs of community organizations and create materials (e.g. brochures, posters, handbooks, websites, social media posts) based on the organization's needs.								
A&S	ENG	ENG	3910	Sigma Tau Delta Executive Leadership	Field	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Students organize and run the Ohio University chapter of the national English Honor Society, Sigma Tau Delta.								
A&S	ENG	ENG	3920	Literary Magazine Editorship	Practicum	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
				PR, F								
		COURSE DESC:		Students edit and produce the campus literary magazine for public distribution. Course may be taken with permission of the magazine faculty advisor.								
A&S	ENG	ENG	3950	Creative Writing Workshop: Nonfiction II	Seminar	3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3630						
		COURSE DESC:		Upper-division instruction and practice in nonfiction writing, with attention to the work of contemporary and canonical writers and a focus on craft. Students create and revise original works of nonfiction with an eye toward publication beyond the classroom.								
A&S	ENG	ENG	3960	Creative Writing Workshop: Fiction II	Seminar	3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3610						
		COURSE DESC:		Upper-division instruction and practice in fiction writing, with attention to the work of contemporary and canonical writers and a focus on craft. Students create and revise original works of fiction with an eye toward publication beyond the classroom.								
A&S	ENG	ENG	3970	Intermediate Creative Writing Workshop: Poetry	Seminar	3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3620						
		COURSE DESC:		Upper-division instruction and practice in poetry writing, with attention to the work of contemporary and canonical poets and a focus on craft. Students create and revise original works of fiction with an eye toward publication beyond the classroom.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	3970T	Specialized Tutorial I	Tutorial	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	Lecture	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	Tutorial	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 and Ethical Practice	Seminar	3	0	BER	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 ideas of writers, philosophers, and theorists whose voices have been influential in contemporary literary and cultural theory with attention to their ethical frameworks.								
A&S	ENG	ENG	4470	Studies in Criticism	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	12	3; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3070J and Senior 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	Lecture	3	12	3; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3070J and Senior only								
		COURSE DESC:		Senior-level course in English studies, giving concentrated attention to a particular author or set of authors, and including a research-based capstone project and oral presentation.								
A&S	ENG	ENG	4650	American Authors	Lecture	3	12	3; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3070J and Senior only								
		COURSE DESC:		Senior-level course in English studies, giving concentrated attention to a particular author or set of authors, and including a research-based capstone project and oral presentation.								
A&S	ENG	ENG	4660	International Authors	Lecture	3	12	3; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENG 3070J and Senior only								
		COURSE DESC:		Senior-level course in English studies, giving concentrated attention to a particular author or set of authors, and including a research-based capstone project and oral presentation.								
A&S	ENG	ENG	4810	Form and Theory of Literary Genres: Fiction	Seminar	3	0	BER	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 fiction-writing, exemplified in a range of classic and/or contemporary texts, with attention to their ethical visions.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	4820	Form and Theory of Literary Genres: Poetry	Seminar	3	0	BER	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 understanding of poetry, exemplified in a range of classic and/or contemporary texts, with attention to their ethical visions.								
A&S	ENG	ENG	4830	Form and Theory of Literary Genres: Nonfiction	Seminar	3	0	BER	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, exemplified in a range of classic and/or contemporary texts, with attention to their ethical visions.								
A&S	ENG	ENG	4860	Advanced Workshop in Fiction	Seminar	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.								
A&S	ENG	ENG	4870	Advanced Workshop in Poetry	Seminar	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	Seminar	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	Lecture	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	Internship	1 to 9	9	BLD	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	Laboratory	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	Laboratory	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 Study	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	Research	1 to 9	9	BLD	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	Tutorial	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	Tutorial	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	4990H	English Departmental Honors	Tutorial	3	9	BLD	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.								
A&S	ENG	ENG	5010	Anglo-Saxon	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR A reading course in Anglo-Saxon language and literature.								
A&S	ENG	ENG	5020	Old English Poetry	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ENG 5010								
		COURSE DESC:		CR, PR An introduction to the poetry written in England between 650 and 1100.								
A&S	ENG	ENG	5030	English Language	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Sounds, inflections, syntax, and vocabulary of English from 1000 to present.								
A&S	ENG	ENG	5040	American English	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR An overview of the origins and development of American English.								
A&S	ENG	ENG	5050	Old Norse Language and Literature	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR An introduction to Old Norse and to the Icelandic Sagas in the original language.								
A&S	ENG	ENG	5080	Teaching Writing and Critical Inquiry	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	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	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Development of the novel form in the 18th- century. Defoe through Austen.								
A&S	ENG	ENG	5120	The 19th-Century Novel	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR A study of the various forms of the English novel developing during the 19th- century.								
A&S	ENG	ENG	5130	Early Modern British Literature	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Genres and authors of literature written during the English Renaissance, 1500-1700.								
A&S	ENG	ENG	5140	The Works of Edmund Spenser	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in the works of Spenser.								

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A&S	ENG	ENG	5160	Teaching Oral Language	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	ENG	ENG	5170	The Works of John Milton	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5330	American Literature 1865-1918	Seminar	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	5350	African American Literature	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5850	History of Books and Printing	Seminar	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.								
A&S	ENG	ENG	5870	Theory and Practice of Writing Center Tutoring	Seminar	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	Discussion	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	ENG	5880	Professionalization for Graduate Students in English	Lecture	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	ENG	5880	Professionalization for Graduate Students in English	Seminar	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	ENG	5890	Teaching College English	Lecture	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	Lecture	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	5911	Field Experience in Secondary English/Language and Composition	Laboratory	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	Laboratory	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	Internship	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		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 Study	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Directed individual reading and research.								
A&S	ENG	ENG	5950	Introduction to English Studies	Seminar	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	5970	Teaching College English	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Status								
		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	Seminar	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	Seminar	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	Lecture	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	Internship	4	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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 Study	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	Thesis	.5 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	Seminar	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	6980	Creative Writing Workshop: Nonfiction	Seminar	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	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Seminar	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	Seminar	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Charts the history and development of the English language, grammar, etymology, and literature.								

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A&S	ENG	ENG	7090	Medieval Language and Literature	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in the English Restoration.								
A&S	ENG	ENG	7190	18th-Century Literature	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in the literature of 18th-century England.								
A&S	ENG	ENG	7230	Romanticism	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in English Romanticism.								
A&S	ENG	ENG	7240	Shakespeare	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in Shakespeare (varies based on instructor and student interest).								
A&S	ENG	ENG	7250	Victorian Poetry	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Intensive study in specific critical and historical problems connected with Victorian poetry.								
A&S	ENG	ENG	7270	20th-Century Literature/Modernism	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in 20th- century literature (varies based on instructor and student interest).								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	ENG	7280	20th-Century Literature/Postmodernism	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in 20th- century literature after WWII (varies based on instructor and student interest).								
A&S	ENG	ENG	7290	American Literature to 1776	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in American Literature between the Civil War and WWI.								
A&S	ENG	ENG	7340	20th-Century American Literature	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in 20th- century literature (varies based on instructor and student interest).								
A&S	ENG	ENG	7650	Theory of Literature	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	7770	Colloquium on the Profession of English	Seminar	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Prepares doctoral students for the profession of college teaching and research in English.								
A&S	ENG	ENG	7800	Special Studies Seminar	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in literature, theory, creative writing, and rhetoric/composition.								
A&S	ENG	ENG	7810	Professional Issues in Teaching College English	Seminar	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Research	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	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.								

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A&S	ENG	ENG	7980	History and Theories of Composition	Seminar	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	Lecture	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	Lecture	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	Thesis	.5 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		For Ph.D. students engaged in writing their dissertation.								
A&S	ENG	HUM	2070	Humanities : Great Books Ancient through Renaissance	Lecture	3	0	2HL; PHTC	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:		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.								
A&S	ENG	HUM	2080	Humanities: Post 17th- c. through Modern	Lecture	3	0	2HL; PHTC	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:		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.								
A&S	ENG	HUM	2170	Great Books of Asia, Ancient to Present	Lecture	3	0	2CP; PHTC	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:		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.								
A&S	ENG	HUM	2900	Special Topics in Humanities	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	ENG	T3	4071	The Literacy Crisis: Origins and Effects	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	ENG	T3	4110	Kiss Me Deadly: American Detective Fiction and Film Noir	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	1100	Physical Geography	Laboratory	4	0	2NS; PNS	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	Lecture	4	0	2NS; PNS	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	Lecture	3	0	2SS; PSBS	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	Lecture	3	0	2SS; PSBS	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	Lecture	3	0	2CP; ACNW; FIE	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	2060	The Physical and Global Dimensions of Climate Change	Lecture	3	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines the broad concepts associated with global climate change from physical, social, and global perspectives. 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	2320	Geography of Ohio	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: NOT GEOG 232						
		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	Lecture	3	0	2AS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Geographic survey of environmental processes and physical and socio-political aspects of environmental change (especially climate change) and the possible solutions to environmental problems based on contemporary sustainability science and technologies. Topics covered include 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. Students explore multiple scientific inquiry methods, consult multiple sources of information, and use both qualitative and quantitative data collection and analysis methodologies to develop a comprehensive perspective of human-environment relationships.								
A&S	GEOG	GEOG	2500	Introduction to City Planning	Lecture	3	0	2SS; ACNW	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. Students complete five field-based assignments that require them to assess some aspect of the community: hometown analysis, housing assessment, comparative transportation modes, park observation, water system analysis, and historic district assessment. Students must collect data, make inferences from their observations, and back up their conclusions about the systems with logical arguments.								
A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	Laboratory	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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COURSE LISTING
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A&S	GEOG	GEOG	2680	Introduction to GIS and Mapping Sciences	Lecture	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	Lecture	3	0	1M	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	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	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	2971T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	2980T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	2981T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	3010	Meteorology	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 1100 General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	GEOG	3010	Meteorology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 1100 General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	GEOG	3020	Climatology	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150) 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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150) 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	3031	Meteorological Observations	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 3010 Understanding and predicting the behavior of the atmosphere would be impossible without proper sampling and observations. This course provides insight into the fundamental procedures of collecting, organizing and interpreting meteorological parameters.								
A&S	GEOG	GEOG	3040	Practicum in Meteorology and Forecasting	Laboratory	1	5	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		GEC1: A-F REQUISITE: GEOG 3030 or 304 Lab experience in preparation and dissemination of meteorological forecasts.								

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A&S	GEOG	GEOG	3050	Physical Meteorology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 3010 and MATH 2301 and PHYS 2051 PR								
		COURSE DESC:		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	3150	Landforms and Landscapes	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BIOS 1700 or GEOG 1100 or P BIO 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	Lecture	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	Lecture	3	0	BDP	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 and explores development consequences and human experiences of migration. Examines the political nature of population change by exploring multiple perspectives on population change and socio-environmental change. Teaches students to confront their own preconceived notions of fertility, migration, and consumption, and develop greater curiosity about the causes and consequences of demographic change.								
A&S	GEOG	GEOG	3220	Geography of Religious Space and Place	Lecture	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	Lecture	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.								
A&S	GEOG	GEOG	3260	Urban Geography	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 1200 or 1310 or 2500 or SOC 1000 and Jr or Sr								
		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	3260A	Honors Experience in Urban Geography	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Ohio Honors student and GEOG 3260 concurrently NC								
		COURSE DESC:		OHIO Honors Curricular Experience in Urban Geography								
A&S	GEOG	GEOG	3270	Geographies of Social Justice	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 1200 or WGSS 1000								
		COURSE DESC:		This class provides a geographic analysis of social relations, social identities, and social inequalities. The course examines the geographies of social justice from the perspective of distinct identity groups (including race, gender, class, sexuality, ability, and nationality). We discuss the way that place plays a role in constructing and giving meaning to these identity groups. We explore the role of social justice as it relates to various geographic themes, particularly focusing on: the constitution of public and private space; housing, homelessness, and the meaning of home; memorialization; urban structure and design; gentrification; the use of public space; mobility; geographies of fear; and resistance.								
A&S	GEOG	GEOG	3290	World Economic Geography	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECON 1000 or 1030 or 1040 or GEOG 1200 or 1310								
		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	3290A	Honors Experience: World Economic Geography	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: GEOG 3290 concurrent and student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in World Economic Geography.								

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A&S	GEOG	GEOG	3300	Geography of Europe	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or higher and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1100)						
		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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or higher and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1100)						
		COURSE DESC:		This course will explore the physical and human geographies of the African continent as well as geographic approaches to understanding the ways in which humans interact with their environment. The course will cover many themes in African geography and explore approaches to understanding patterns of social and environmental change. We will go over the broad macro picture of continental patterns in major thematic areas (e.g., the political map, economic patterns, major ecological zones) and also examine issues related to environmental variability and social inequality in the local and regional contexts. Topics covered include, climate change and heritage, pastoralism and climate change adaptation, health and development, wildlife conservation, livelihoods and sustainability, migration and development, international land acquisitions and roots of conflict. Students will also learn how to make effective research presentations.								
A&S	GEOG	GEOG	3330	Appalachia: Land and People	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400)						
		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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or HIST 2000)						
		COURSE DESC:		Describe the subfield of historical geography, its major themes, research methodologies and theories, and its position within the academic field of geography. Systematic and regionally contextualized survey of past human geographies of the geographic region 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. Focus on development of a multicultural understanding of the contributions of numerous ethnic/population groups in the formation of the United States cultural landscapes. Encourages a comprehensive, inclusive, and critical review of the history of United States.								
A&S	GEOG	GEOG	3350	Geography of Latin America	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1600)						
		COURSE DESC:		Regional survey of Latin America focusing on biophysical systems, rural development, population, migration, cultural geography, and economic development. Explores numerous cultural contexts in Latin America and compares economic development processes with other world regions. Explores numerous development and environment-related narratives of the region to understand a variety of cultural and development-related experiences in the region. Prepares students to respect and have meaningful interactions with people of Latin American origin.								
A&S	GEOG	GEOG	3380	Geography of Asia	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or HIST 2460)						
		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. Examines and dispels stereotypes about the geographical, cultural, and economic characteristics of Asia and Asians by educating students about the many ideologies and worldviews that shape the nations and international relations of Asian countries within and beyond Asia. Prepares students to respect and have meaningful interactions with people of Asian origin. Conduct in-depth research on an Asian country of choice.								
A&S	GEOG	GEOG	3400	Geography of Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 or 1310						
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 or 1310						
		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.								
A&S	GEOG	GEOG	3430	Global Issues in Environment	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 2400						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in GEOG and (Jr or Sr)						
		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	3450	Access to Water in a Changing World	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 or GEOG 1310 or GEOG 2400 and (Jr or Sr)						
		COURSE DESC:		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.								

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A&S	GEOG	GEOG	3460	Environmental Law	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1200 or 1400						
		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	3500	Land Use Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	6 Hours in GEOG and (Jr or Sr) 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	3580	Environmental Hazards	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in GEOG and (Jr or Sr)						
		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	3600	Cartography I	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 2680						
		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	3600	Cartography I	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 2680						
		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	3610	Cartography II	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3600 or 4730						
		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	3610	Cartography II	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3600 or 4730						
		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	3650	Air Photo Interpretation	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (Jr or Sr)						
		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	3650	Air Photo Interpretation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (Jr or Sr)						
		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	3970T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 2981T and HTC CR, PR						
		COURSE DESC:		Third-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	3980T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 3970T and HTC CR, PR						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 and (GEOG 3040 or GEOG 4660)						
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4060	Synoptic Meteorology	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 3040								
		COURSE DESC:		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 3040								
		COURSE DESC:		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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4060								
		COURSE DESC:		An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	4070	Mesoscale Meteorology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 4060								
		COURSE DESC:		An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	4080	Dynamic Meteorology I	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 3010 and MATH 3400 and PHYS 2051								
		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	4090	Dynamic Meteorology II	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: GEOG 4080								
		COURSE DESC:		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 1200 or 1310 or WGSS 1000 and (Jr or Sr)								
		COURSE DESC:		This course explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies are drawn 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 also includes a significant focus on effectively developing, supporting, and communicating research findings in written and oral forms.								
A&S	GEOG	GEOG	4470	Natural Resource Conservation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOG 2400 and (Jr or Sr)								
		COURSE DESC:		Themes in American environmental history, resource conservation and management, and contemporary environmentalism.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4480	Migration and Development	Lecture	3	0	BDP	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. Focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration. Explores migration in numerous cultural contexts and examines migrant experiences through written work and first-hand experiences.								
A&S	GEOG	GEOG	4520	Environmental and Sustainability Planning	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	3	0	BLD	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	Lecture	3	0	BLD	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4730	Principles of GIS	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOG 2680								
				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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOG 2680								
				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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: GEOG major 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								
A&S	GEOG	GEOG	4800	Capstone Experience in Geography	Lecture	3	0	3; BLD; CAP	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOG 4799 and GEOG Major and SR only								
				Students apply and integrate knowledge and techniques from previous coursework to complete a comprehensive geographic research or applied project under the mentorship of geography faculty. Students review literature, set their work in context, investigate various approaches, collect and analyze data, and learn skills for professional presentation of their work.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4900	Special Topics in Geography	Seminar	1 to 15	30		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG major or minor						
		COURSE DESC:		Special topics in Geography.								
A&S	GEOG	GEOG	4910	Internship	Internship	1 to 12	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required and GEOG major and (Jr or Sr)						
		COURSE DESC:		CR, PR 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	4930	Independent Study	Ind Study	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Jr or Sr						
		COURSE DESC:		PR Individual or small group students will have an independent study with faculty members.								
A&S	GEOG	GEOG	4940	Research Experience in Human Geography	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4941	Research Experience in Physical Geography	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4942	Research Experience in Environmental Geography	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4943	Research Experience in Geographic Information Science	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4944	Research Experience in Meteorology/Climatology	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4945	Research Experience in Urban Planning	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4946	Research Experience in Globalization and Development	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 hours in GEOG and permission required						
		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.								
A&S	GEOG	GEOG	4970T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 3980T and HTC						
		COURSE DESC:		CR, PR Fourth-year thesis tutorial for students in the Honors Tutorial College								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	4980T	Geography Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: GEOG 4970T and HTC								
		COURSE DESC:		Fourth-year thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	GEOG	4990H	Honors in Geography	Tutorial	3	6	3; BLD; CAP	I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and GEOG major and Sr only								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This seminar is designed to provide students with 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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	GEOG	5010	Meteorology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	GEOG	5020	Climatology	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.								
A&S	GEOG	GEOG	5020	Climatology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.								
A&S	GEOG	GEOG	5020	Climatology	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.								
A&S	GEOG	GEOG	5030	Meteorological Observations	Laboratory	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Lab experience in acquisition, measurement, and interpretation of meteorological parameters.								
A&S	GEOG	GEOG	5035	Introduction to Meteorological Radar Systems, Observations, and Techniques	Lecture	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	Research	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5040	Practicum in Meteorology and Forecasting	Laboratory	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		Lab experience in preparation and dissemination of meteorological forecasts.								
A&S	GEOG	GEOG	5050	Physical Meteorology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	5070	Mesoscale Meteorology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	5070	Mesoscale Meteorology	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.								
A&S	GEOG	GEOG	5080	Dynamic Meteorology I	Lecture	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	Research	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5090	Dynamic Meteorology II	Research	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	Lecture	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	Research	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	Lecture	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	Research	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	Lecture	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	Research	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	5160	Biogeography	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	WARNING: Not BIOS 5160							
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	WARNING: Not BIOS 5160							
		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	Lecture	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	Research	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5200	Race, Ethnicity and Place	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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 and explores development consequences and human experiences of migration. Examines the political nature of population change by exploring multiple perspectives on population change and socio-environmental change. Teaches students to confront their own preconceived notions of fertility, migration, and consumption, and develop greater curiosity about the causes and consequences of demographic change.							
A&S	GEOG	GEOG	5220	Geography of Religious Space and Place	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Geographies of Social Justice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This class provides a geographic analysis of social relations, social identities, and social inequalities. The course examines the geographies of social justice from the perspective of distinct identity groups (including race, gender, class, sexuality, ability, and nationality). We discuss the way that place plays a role in constructing and giving meaning to these identity groups. We explore the role of social justice as it relates to various geographic themes, particularly focusing on: the constitution of public and private space; housing, homelessness, and the meaning of home; memorialization; urban structure and design; gentrification; the use of public space; mobility; geographies of fear; and resistance.								
A&S	GEOG	GEOG	5280	Community Geography	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5300	Geography of Europe	Research	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course will explore the physical and human geographies of the African continent as well as geographic approaches to understanding the ways in which humans interact with their environment. The course will cover many themes in African geography and explore approaches to understanding patterns of social and environmental change. We will go over the broad macro picture of continental patterns in major thematic areas (e.g., the political map, economic patterns, major ecological zones) and also examine issues related to environmental variability and social inequality in the local and regional contexts. Topics covered include, climate change and heritage, pastoralism and climate change adaptation, health and development, wildlife conservation, livelihoods and sustainability, migration and development, international land acquisitions and roots of conflict. Students will also learn how to make effective research presentations.								
A&S	GEOG	GEOG	5330	Appalachia: Land and People	Lecture	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	Research	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Describe the subfield of historical geography, its major themes, research methodologies and theories, and its position within the academic field of geography. Systematic and regionally contextualized survey of past human geographies of the geographic region 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. Focus on development of a multicultural understanding of the contributions of numerous ethnic/population groups in the formation of the United States cultural landscapes. Encourages a comprehensive, inclusive, and critical review of the history of United States.								
A&S	GEOG	GEOG	5350	Geography of Latin America	Lecture	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. Explores numerous cultural contexts in Latin America and compares economic development processes with other world regions. Explores numerous development and environment-related narratives of the region to understand a variety of cultural and development-related experiences in the region. Prepares students to respect and have meaningful interactions with people of Latin American origin.								
A&S	GEOG	GEOG	5380	Geography of Asia	Lecture	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. Examines and dispels stereotypes about the geographical, cultural, and economic characteristics of Asia and Asians by educating students about the many ideologies and worldviews that shape the nations and international relations of Asian countries within and beyond Asia. Prepares students to respect and have meaningful interactions with people of Asian origin. Conduct in-depth research on an Asian country of choice.								
A&S	GEOG	GEOG	5400	Geography of Development	Lecture	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	Research	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5410	Geography of Hunger and Food Security	Lecture	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	Research	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	Lecture	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.								
A&S	GEOG	GEOG	5440	Agricultural Ecosystems	Research	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.								
A&S	GEOG	GEOG	5450	Gender, Environment, and Development	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies are drawn 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 also includes a significant focus on effectively developing, supporting, and communicating research findings in written and oral forms.								
A&S	GEOG	GEOG	5460	Environmental Law	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Themes in American environmental history, resource conservation and management, and contemporary environmentalism.								
A&S	GEOG	GEOG	5470	Natural Resource Conservation	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Themes in American environmental history, resource conservation and management, and contemporary environmentalism.								
A&S	GEOG	GEOG	5480	Migration and Development	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. Focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration. Explores migration in numerous cultural contexts and examines migrant experiences through written work and first-hand experiences.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5500	Land Use Planning	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	5520	Environmental and Sustainability Planning	Lecture	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	Research	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5600	Cartography I	Laboratory	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	Lecture	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	Research	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	Laboratory	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.								
A&S	GEOG	GEOG	5610	Cartography II	Lecture	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.								
A&S	GEOG	GEOG	5610	Cartography II	Research	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.								
A&S	GEOG	GEOG	5650	Air Photo Interpretation	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5660	Principles of Remote Sensing	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Introduction to geographic field methods and techniques. Field mapping, data collection, spatial sampling, data analysis, synthesis, and reporting.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5730	Principles of GIS	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5731	Geographic Information Systems Applications	Lecture	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	Research	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	Laboratory	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	Lecture	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	Research	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	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	5750	GIS and Landscape Analysis	Research	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	Laboratory	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	Lecture	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	Research	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	Laboratory	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	Lecture	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	Research	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	Lecture	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	Internship	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	Seminar	1	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		Colloquium contents vary.								
A&S	GEOG	GEOG	6000	Seminar in Geography	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6000	Seminar in Geography	Seminar	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	Research	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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6150	Seminar in Geomorphology	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Advanced topics and readings in biogeography.								
A&S	GEOG	GEOG	6160	Seminar in Biogeography	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Advanced topics and readings in biogeography.								
A&S	GEOG	GEOG	6210	Seminar in Population Geography	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6210	Seminar in Population Geography	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6220	Seminar in Historical Geography	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6220	Seminar in Historical Geography	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6250	Seminar in Political Geography	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6250	Seminar in Political Geography	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6260	Seminar in Urban Geography	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6290	Seminar in Economic Geography	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6310	Seminar in Regional Geography: Africa	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6350	Seminar in Regional Geography: Latin America	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6380	Seminar in Regional Geography: Asia	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6410	Seminar in Development: Environment and Development	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Research	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	6420	Seminar in Development: Theories of Development	Seminar	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	Research	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	Seminar	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	Research	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	Seminar	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	Research	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	Seminar	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	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	GEOG	6600	Seminar in Cartography	Seminar	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	Research	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	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	GEOG	6900	Special Topics in Geography	Research	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	Seminar	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 Study	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	Thesis	.5 to 18	54		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Master thesis hours.								
A&S	GEOG	T3	4080	Environmentalism in America	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	1010	How The Earth Works	Laboratory	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	No credit if taken after GEOL 2830						
		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	Lecture	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	No credit if taken after GEOL 2830						
		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	Lecture	3	0	2NS; PNS	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	Lecture	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	Lecture	3	0	2AS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Critical analysis of threats associated with living on a dynamic planet focusing on the origins and physical natures of hazardous geological events. Taught using integrative case studies of actual disasters and intended to convey how we can minimize our vulnerability to disasters by applying lessons learned from past earthquakes, volcanic eruptions, floods, landslides, and tsunamis. Intended for science and non-science majors seeking a basic understanding of geology and how it affects people and societies.								
A&S	GEOL	GEOL	1400	Dinosaurs and the Mesozoic	Lecture	3	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is 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 begins 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 is explored as well as the different methods and techniques employed by modern paleontologists to ask and answer scientific questions about ancient life including dinosaurs. Additional topics 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. The three major groups of dinosaurs, the Ornithischia, Sauropoda, and Theropoda, are discussed in detail in addition to other major components of Mesozoic ecosystems including marine reptiles, pterosaurs, mammals, insects, and plants. The course concludes 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	Lecture	3	0	2AS; PNS	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	Laboratory	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.								
A&S	GEOL	GEOL	2080	Geology of the Solar System	Lecture	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	Lecture	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	Lecture	3	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Survey of physical, chemical, biological, and geological aspects of oceanography.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	GEOL	GEOL	2150	Environmental Geology	Lecture	3	0	2AS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for both this course and the following (always deduct credit for the first course taken):		GEOL 2830				
		COURSE DESC:		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	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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.						
		COURSE DESC:										
A&S	GEOL	GEOL	2210	Earth and Life History	Lecture	3	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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.						
		COURSE DESC:										
A&S	GEOL	GEOL	2310	Water and Pollution	Lecture	3	0	2AS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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.						
		COURSE DESC:										
A&S	GEOL	GEOL	2550	Historical Geology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 1010 or 2020						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 1010 or 2020						
		COURSE DESC:		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	Lecture	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 or 2020 or GEOL 1010 or 2110 or 2150						
		COURSE DESC:		Examination of Icehouse, Greenhouse, and Hothouse climates in Earth history from an Earth System Science perspective.								
A&S	GEOL	GEOL	2830	Geology for Engineers	Laboratory	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	2830	Geology for Engineers	Lecture	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	Lecture	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	Tutorial	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.								
A&S	GEOL	GEOL	2980T	Geological Sciences Tutorial	Tutorial	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	Tutorial	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	3050	Statistical Methods in Geology	Laboratory	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	Lecture	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	Lecture	3	0	1J; FAW	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	3201	Igneous & Metamorphic Petrology	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3150								
		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	3201	Igneous & Metamorphic Petrology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3150								
		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	3300	Principles of Geomorphology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 1010 or 2020								
		COURSE DESC:		Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.								
A&S	GEOL	GEOL	3300	Principles of Geomorphology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 1010 or 2020								
		COURSE DESC:		Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	3400	Principles of Paleontology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2550								
		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	3400	Principles of Paleontology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2550								
		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	3500	Stratigraphy-Sedimentology	Laboratory	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2550								
		COURSE DESC:		This course provides an introduction to principles of stratigraphy and sedimentation. Topics include the interpretation of depositional environments and their relation to plate tectonic setting. Students will engage in scientific writing to deepen their understanding of how professional writing in Geological Sciences is undertaken, strengthen their 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	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 2550								
		COURSE DESC:		This course provides an introduction to principles of stratigraphy and sedimentation. Topics include the interpretation of depositional environments and their relation to plate tectonic setting. Students will engage in scientific writing to deepen their understanding of how professional writing in Geological Sciences is undertaken, strengthen their 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500								
		COURSE DESC:		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500								
		COURSE DESC:		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	3700	Groundwater Fundamentals and Practices	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (GEOL 1010 or 2020) and (MATH 1300 or concurrent)								
		COURSE DESC:		Students learn fundamental concepts and theories related to occurrence, movement, storage, reaction, contamination, and remediation of surface and groundwater and their applications to real-world problems through case studies. Topics include water issues, hydrologic cycle, surface water-groundwater interaction, groundwater sustainability, streams and watersheds, types and properties of aquifers, groundwater flow and quality, basic well hydraulics, and contamination and remediation.								
A&S	GEOL	GEOL	3910	Internship	Internship	1 to 15	999	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		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.								
A&S	GEOL	GEOL	3970T	Geological Sciences Tutorial	Tutorial	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	Tutorial	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	4060	Geodata analysis for Geological Sciences	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 1010 or 2020 or 2830								
		COURSE DESC:		This course is designed to introduce the principles of surface and subsurface data 2D and 3D visualization, analysis, and management and the applications of geospatial techniques in addressing geological, environmental, or petroleum resource exploration problems. Topics include geospatial data organization and preparation, exploratory data analysis, geospatial data correlation and regression, spatial interpolation and modeling, reservoir volume calculation, and well production data analysis and performance evaluation.								
A&S	GEOL	GEOL	4080	Planetary Geology	Laboratory	3	0	3; CAP	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	Lecture	3	0	3; CAP	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4090	Geology of Mars	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3120 or 3201								
				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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3120 or 3150								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3120 or 3150								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3201								
				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	4180	Solid Earth Geochemistry	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3120 or 3201								
				This course addresses the magmatic and metamorphic evolution of the Earth using major element, trace element, and radiogenic and stable isotope geochemistry. Students learn how to generate, present and use geochemical data as tracers of geologic processes, with an emphasis on solid earth processes.								
A&S	GEOL	GEOL	4180	Solid Earth Geochemistry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3120 or 3201								
				This course addresses the magmatic and metamorphic evolution of the Earth using major element, trace element, and radiogenic and stable isotope geochemistry. Students learn how to generate, present and use geochemical data as tracers of geologic processes, with an emphasis on solid earth processes.								
A&S	GEOL	GEOL	4260	Principles of Geochemistry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3201								
				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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)								
				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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4270								
				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	4280	Physical Geochemistry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4270								
				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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4270 and Sr								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4320	Origin and Classification of Soils	Laboratory	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	Lecture	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	Stream Geomorphology	Lecture	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. Emphasis is placed on processes, river mechanics, and fluvial hydrology.								
A&S	GEOL	GEOL	4430	Paleobiogeography	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Paleoecology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400								
		COURSE DESC:		Examination of concepts of the relationship of organisms 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	Paleoecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3400								
		COURSE DESC:		Examination of concepts of the relationship of organisms 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	Lecture	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.								
A&S	GEOL	GEOL	4520	Sedimentary Systems and Processes	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GEOL 3500								
		COURSE DESC:		Advanced discussion of sedimentary processes and major sedimentary environments in the recent and through geologic time. Topics include the techniques of interpreting sedimentary successions using facies and facies models, analysis of different continental and marine sedimentary environments and their fundamental processes, and applications to energy, environmental, and mineral industries.								
A&S	GEOL	GEOL	4530	Physical Limnology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020)								
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	GEOL	GEOL	4530	Physical Limnology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(CHEM 1220 or 1520) and (GEOL 1010 or 2020)						
		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	4540	Carbonate Depositional Systems I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	Laboratory	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 4540 or concurrent						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3600 or concurrent						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3600 or concurrent						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500						
		COURSE DESC:		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	4610	Regional Field Geology	Laboratory	3	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 2550 and one or more of GEOL (3120 OR 3150 OR 3300 OR 3400 OR 3500 OR 3600 OR 3700)						
		COURSE DESC:		Students engage in field study of the geologic features of a particular region. Students make detailed observations of geologic features, solve geologic problems, and summarize their field data in professional reports. Region of study will vary between offerings.								
A&S	GEOL	GEOL	4610	Regional Field Geology	Lecture	3	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 2550 and one or more of GEOL (3120 OR 3150 OR 3300 OR 3400 OR 3500 OR 3600 OR 3700)						
		COURSE DESC:		Students engage in field study of the geologic features of a particular region. Students make detailed observations of geologic features, solve geologic problems, and summarize their field data in professional reports. Region of study will vary between offerings.								
A&S	GEOL	GEOL	4640	Regional Tectonics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3600						
		COURSE DESC:		Global tectonics and structure of continental cratons and margins, mid-ocean ridges, island arcs, and major orogenic belts.								
A&S	GEOL	GEOL	4650	Geologic Methods	Laboratory	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL (3120 OR 3201) AND GEOL (3300 OR 3400 OR 3500 OR 3600 OR 3700) and SR						
		COURSE DESC:		Students apply a diverse suite of geologic methods incorporating both laboratory and field methods to collect and analyze data, develop and test explicit hypotheses, develop interpretations, and produce professional-quality reports.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4650	Geologic Methods	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL (3120 OR 3201) AND GEOL (3300 OR 3400 OR 3500 OR 3600 OR 3700) and SR						
		COURSE DESC:		Students apply a diverse suite of geologic methods incorporating both laboratory and field methods to collect and analyze data, develop and test explicit hypotheses, develop interpretations, and produce professional-quality reports.								
A&S	GEOL	GEOL	4660	Geodynamics: The Earth's Interior	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3201						
		COURSE DESC:		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.								
A&S	GEOL	GEOL	4670	Tectonophysics	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	4750	Watershed and Stream Hydrology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 1010 or 2020						
		COURSE DESC:		This course provides students with a comprehensive introduction to physical hydrologic processes and techniques at the watershed scale. Students examine the hydrological cycle and its components, water budget, hydrological pathways, streamflow and flow frequency analysis, surface water and groundwater interactions, and hydrologic modeling and emerging technologies.								
A&S	GEOL	GEOL	4760	Subsurface Methods	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	4850	Introduction to Applied Geophysics	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 2002 or 2052								
A&S	GEOL	GEOL	4850	Introduction to Applied Geophysics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 2002 or 2052								
A&S	GEOL	GEOL	4860	Applied Seismology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4850								
				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	Lecture	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4800								
				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	4900	Special Topics in Geological Sciences	Lecture	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	4901	Geologic Studies	Lecture	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE: Permission required								
		COURSE DESC:		Individual or small group independent study arranged with faculty members.								
A&S	GEOL	GEOL	4901	Geologic Studies	Tutorial	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE: Permission required								
		COURSE DESC:		Individual or small group independent study arranged with faculty members.								
A&S	GEOL	GEOL	4902	Seminar in Geology	Seminar	1 to 2	8		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE: Permission required								
		COURSE DESC:		Seminar on specific topics in geological sciences. Content will vary with each offering.								
A&S	GEOL	GEOL	4940	Senior Thesis	Research	1 to 5	10	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE: Permission required								
		COURSE DESC:		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	Laboratory	6	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3600								
				Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.								
A&S	GEOL	GEOL	4970T	Geological Sciences Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 3980T and HTC								
				Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.								
A&S	GEOL	GEOL	4980T	Geological Sciences Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GEOL 4970T and HTC								
				Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.								
A&S	GEOL	GEOL	5050	Statistical Methods in Geology	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5050	Statistical Methods in Geology	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	5060	Geodata analysis for Geological Sciences	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course is designed to introduce the principles of surface and subsurface data 2D and 3D visualization, analysis, and management and the applications of geospatial techniques in addressing geological, environmental, or petroleum resource exploration problems. Topics include geospatial data organization and preparation, exploratory data analysis, geospatial data correlation and regression, spatial interpolation and modeling, reservoir volume calculation, and well production data analysis and performance evaluation.								
A&S	GEOL	GEOL	5080	Planetary Geology	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	5090	Geology of Mars	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		An introduction to minerals and rocks, emphasizing common varieties and those important as mineral resources.								
A&S	GEOL	GEOL	5150	Mineralogy	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								

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COURSE LISTING
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A&S	GEOL	GEOL	5170	Isotope Geology	Lecture	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	5180	Solid Earth Geochemistry	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course addresses the magmatic and metamorphic evolution of the Earth using major element, trace element, and radiogenic and stable isotope geochemistry. Students learn how to generate, present and use geochemical data as tracers of geologic processes, with an emphasis on solid earth processes.								
A&S	GEOL	GEOL	5180	Solid Earth Geochemistry	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course addresses the magmatic and metamorphic evolution of the Earth using major element, trace element, and radiogenic and stable isotope geochemistry. Students learn how to generate, present and use geochemical data as tracers of geologic processes, with an emphasis on solid earth processes.								
A&S	GEOL	GEOL	5201	Igneous & Metamorphic Petrology	Laboratory	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	5201	Igneous & Metamorphic Petrology	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5300	Principles of Geomorphology	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Stream Geomorphology	Lecture	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. Emphasis is placed on processes, river mechanics, and fluvial hydrology.								
A&S	GEOL	GEOL	5400	Principles of Paleontology	Laboratory	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	Lecture	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	5430	Paleobiogeography	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.								
A&S	GEOL	GEOL	5460	Earth Systems Evolution	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.								
A&S	GEOL	GEOL	5480	Paleoecology	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Examination of concepts of the relationship of organisms 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	Paleoecology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Examination of concepts of the relationship of organisms 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5500	Stratigraphy-Sedimentology ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F REQUISITE: This course provides an introduction to principles of stratigraphy and sedimentation. Topics include the interpretation of depositional environments and their relation to plate tectonic setting. Students will engage in scientific writing to deepen their understanding of how professional writing in Geological Sciences is undertaken, strengthen their 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	5500	Stratigraphy-Sedimentology ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F REQUISITE: This course provides an introduction to principles of stratigraphy and sedimentation. Topics include the interpretation of depositional environments and their relation to plate tectonic setting. Students will engage in scientific writing to deepen their understanding of how professional writing in Geological Sciences is undertaken, strengthen their 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	5510	Diagenesis ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F REQUISITE: 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	Sedimentary Systems and Processes ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F REQUISITE: Advanced discussion of sedimentary processes and major sedimentary environments in the recent and through geologic time. Topics include the techniques of interpreting sedimentary successions using facies and facies models, analysis of different continental and marine sedimentary environments and their fundamental processes, and applications to energy, environmental, and mineral industries.								
A&S	GEOL	GEOL	5530	Physical Limnology ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F REQUISITE: 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	5540	Carbonate Depositional Systems I ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Laboratory	2	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F 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 ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5570	Petroleum Geology	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	5610	Regional Field Geology	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students engage in field study of the geologic features of a particular region. Students make detailed observations of geologic features, solve geologic problems, and summarize their field data in professional reports. Region of study will vary between offerings.								
A&S	GEOL	GEOL	5610	Regional Field Geology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students engage in field study of the geologic features of a particular region. Students make detailed observations of geologic features, solve geologic problems, and summarize their field data in professional reports. Region of study will vary between offerings.								
A&S	GEOL	GEOL	5640	Regional Tectonics	Lecture	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	5650	Geologic Methods	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students apply a diverse suite of geologic methods incorporating both laboratory and field methods to collect and analyze data, develop and test explicit hypotheses, develop interpretations, and produce professional-quality reports.								
A&S	GEOL	GEOL	5650	Geologic Methods	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students apply a diverse suite of geologic methods incorporating both laboratory and field methods to collect and analyze data, develop and test explicit hypotheses, develop interpretations, and produce professional-quality reports.								
A&S	GEOL	GEOL	5660	Geodynamics: The Earth's Interior	Lecture	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	Lecture	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.								
A&S	GEOL	GEOL	5700	Groundwater Fundamentals and Practices	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students learn fundamental concepts and theories related to occurrence, movement, storage, reaction, contamination, and remediation of surface and groundwater and their applications to real-world problems through case studies. Topics include water issues, hydrologic cycle, surface water-groundwater interaction, groundwater sustainability, streams and watersheds, types and properties of aquifers, groundwater flow and quality, basic well hydraulics, and contamination and remediation.								
A&S	GEOL	GEOL	5710	Advanced Environmental Geology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 earth material, and air and soil. Includes chemical and thermal equilibrium, chemical transport, and transport and transfer of energy across the interfaces.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5730	Forensic Geoscience	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to geologic, geophysical, and geochemical techniques employed by forensic investigators. For majors in chemistry, biology, anthropology, and geology.								
A&S	GEOL	GEOL	5750	Watershed and Stream Hydrology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides students with a comprehensive introduction to physical hydrologic processes and techniques at the watershed scale. Students examine the hydrological cycle and its components, water budget, hydrological pathways, streamflow and flow frequency analysis, surface water and groundwater interactions, and hydrologic modeling and emerging technologies.								
A&S	GEOL	GEOL	5760	Subsurface Methods	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	5	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required Introduction to collection, analysis, and interpretation of hydrological field data.								
A&S	GEOL	GEOL	5850	Introduction to Applied Geophysics	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	GEOL	5960	Field Geology	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Seminar	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	Seminar	1 to 2	10		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				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	Seminar	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	Research	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Individual research projects arranged with faculty members.								
A&S	GEOL	GEOL	6944	Teaching Methods in Geology	Lecture	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Practicum in pedagogical methods for geology teaching assistants.								
A&S	GEOL	GEOL	6950	Thesis	Thesis	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.								
A&S	GEOL	T3	4090	Geologic Resources	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	CH	6010	Introduction to Contemporary History	Seminar	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	Seminar	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	Lecture	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 Study	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	Discussion	3	0	2HL; PHTC	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	Lecture	3	0	2HL; PHTC	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	Discussion	3	0	2HL; PHTC	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	Lecture	3	0	2HL; PHTC	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	1320	Introduction to World History Before 1750	Discussion	3	0	2CP; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0	2CP; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Discussion	3	0	2CP; FIE; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	1330	Introduction to World History Since 1750	Lecture	3	0	2CP; FIE; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Discussion	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Lecture	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Discussion	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Lecture	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Lecture	3	0	2SS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	2220	Europe in the Twentieth Century	Lecture	3	0	2SS; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		This course presents a survey of the history of Europe (including Great Britain and Russia) in the "short twentieth century," from the start of World War I in 1914 to the end of the Cold War in 1989, as well as a survey of developments since 1989, with an emphasis on ideologies, state and national transformations, and political and social change.								
A&S	HIST	HIST	2270	The Middle East and the World	Lecture	3	0	2CP; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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 are those moments in which developments in other parts of the world helped shape the region. The survey draws on connections between the Middle East and multiple other regions: Africa, South Asia, Southeast Asia, Europe, and the Americas.								
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History	Discussion	3	0	2SS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: Soph or Jr or Sr				
		COURSE DESC:		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.								
A&S	HIST	HIST	2300	Capitalism and Its Critics: An Intellectual History	Lecture	3	0	2SS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: Soph or Jr or Sr				
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	2300A	Honors Experience: Capitalism and Its Critics: An Intellectual History	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: OHIO Honors student and HIST 2300 currently NC								
		COURSE DESC:		OHIO Honors curricular experience in Capitalism and Its Critics: An Intellectual History								
A&S	HIST	HIST	2460	The Rise of Modern Asia	Lecture	3	0	2CP; PSBS	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
A&S	HIST	HIST	2460A	Honors Experience: Rise of Modern Asia	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: OHIO Honors student and HIST 2460 concurrently NC								
		COURSE DESC:		OHIO Honors curricular experience in Rise of Modern Asia								
A&S	HIST	HIST	2500	Medieval History in Film & Literature	Lecture	4	0	2CP; FIE; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is an introduction to intercultural influences, conflicts, and stereotypes in medieval and contemporary societies. It includes the critical interpretation of historical texts and modern films dealing with major topics in medieval history, especially race and ethnicity, foreignness, religion, masculinity, sexuality, economic and social class, and violence. Students examine and discuss a wide variety of modern perceptions of the Middle Ages, including those of extremist groups, and look for better ways popular media might use the medieval past to communicate with different cultures about topics of historical and contemporary relevance.								
A&S	HIST	HIST	2500A	Honors Experience: Medieval History in Film & Literature	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in Medieval History in Film & Literature								
A&S	HIST	HIST	2530	Life, Love, and Death in the Medieval World	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
A&S	HIST	HIST	2530A	Honors Experience: Life, Love, and Death in the Medieval World	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HiST 2530 and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in Life, Love, and Death in the Medieval World								
A&S	HIST	HIST	2540	Bread, Wine, Salt, Fat: History of Food before Refrigeration (500-1600)	Lecture	3	0	2CP; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines the history of food and drink production, consumption, and exchange in the pre-modern West. Religious practices and beliefs, social structures, infrastructure, climate and seasons in the pre-modern world all shaped foodways. The control of food and food practices, methods of preservation, the ritual and medical significance of products like alcohol and spice are explored, as well as the impact of colonialism (for example, the Romans in Britain) and exploration (the Portuguese in Goa).								
A&S	HIST	HIST	2540A	Honors Experience: Bread, Wine, Salt, Fat: Food and Drink before Refrigeration	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in Bread, Wine, Salt, Fat: Food and Drink before Refrigeration								
A&S	HIST	HIST	2600	Soccer and World History, 19th Century to the Present	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores world history since the nineteenth century through the lens of organized soccer (or football, as the rest of the world calls it). Beyond gaining an understanding of the sport's history and technical aspects, students grasp how and why international soccer has reflected and has shaped such matters as politics, economy, identity, class, race, and gender. The course focuses on soccer's transnationalism, with closest attention given to the Americas, Europe, and Africa and their historical connections.								
A&S	HIST	HIST	2750	Disease, Medicine, and Society in Europe to 1800	Lecture	3	0	ACNW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Interdisciplinary approach to the history of disease in premodern Europe and socio-cultural responses to it. Explores the medical history of diseases such as the bubonic plague, leprosy, syphilis, madness and cholera, among others, from the ancient world to 1800. Explores the social, political, economic, gendered, 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 Europe.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	HIST	HIST	2755	Nature, Science and Religion in premodern Europe to 1750	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the evolution of scientific ideas from the work of the ancient Greeks to the medieval world of European and Arabic scientists to participants in the Scientific Revolution of seventeenth-century Europe. The course examines how pre-modern scientists explored all facets of their existence: the natural world, the cosmos, the "races of man," and the relationship between celestial bodies and natural phenomena. This course introduces the topics of scientific investigation and the methods used to explain the natural world from the time of the early Greeks to the death of Isaac Newton and investigates how scientific inquiries and explanations developed as a result of changing social, political, and economic contexts in the pre-modern era. The first half of the course explores how ancient and medieval scientists sought to explain the workings of the natural world, the divine, and humankind's role in the world. The second half focuses on the period known as the Scientific Revolution (1450-1750) when ancient and medieval concepts of nature were challenged, reinvented, and discarded in favor of the new science characterized by the modern scientific method and experimentation								
A&S	HIST	HIST	2900	Special Topics in History	Lecture	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	HIST	HIST	2905	History of Technology in Society	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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. It focuses on important themes, including the Industrial Revolution, infrastructure, and the historical relationship between technological experts (including engineers, technologists, and scientists), society, and the state. The course pays particular attention to technology's social and historical consequences; the human and environmental contexts of technological infrastructures; and historical debates over what constitutes an ethical model of technological innovation. It covers the historical and modern development of professions based on technology, including those requiring licensure. In this way, the course provides a critical perspective for an informed approach to technology and society in the modern world.								
A&S	HIST	HIST	2950	Introductory History Seminar	Seminar	3	0	BSL	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Fr or Soph						
		COURSE DESC:		This course introduces students to the methods and sources used in the study of history. Students read original sources and historical scholarship on a particular period and theme in history. At the beginning of each meeting, 1-3 students give short presentations on the assigned readings and help lead discussion. This course provides students the chance to interact with each other and their professor in a small class environment. The specific theme, era, and geographical focus vary.								
A&S	HIST	HIST	2970T	Honors Tutorial Seminar	Tutorial	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	Tutorial	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	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3008	The Age of Hamilton and Jackson: Life in Early America	Lecture	3	0	BDP; BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		This class examines the founding and early decades of the United States, an era that continues to weigh heavily in American politics, thought, and culture. Students examine the country's revolutionary origins and the constitutional framework created in the 1770s and 1780s through its expansion across the Continent in the 1840s. They examine how diverse peoples of European, African, and Native American ancestry struggled to coexist and accommodate one another in North America. The course explores the developments and lasting legacies of institution building, slavery, debates over political economy, westward expansion, (including its effects on Native and African-Americans), the nation's place on the world stage, and the emergence of competing parties and ideologies during the Jacksonian period.								
A&S	HIST	HIST	3018	History of the American South to 1900	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3020	Survey of American Indian History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3030	United States in World War II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3050	The United States and the Vietnam War	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3050A	Honors Experience: The US and the Vietnam War	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HIST 3050 concurrently and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in The US and the Vietnam War								
A&S	HIST	HIST	3060	American Environmental History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3070	Famous Trials in American History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3081	The Civil War and its Aftermath	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3090	American Constitutional History, Part 1: Origins to Reconstruction	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3095	American Constitutional History, 1880s-Present	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3104	United States, 1945-Present	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3104A	Honors Experience: United States, 1945-Present	Ind Study	7	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in United States, 1945-Present.								
A&S	HIST	HIST	3106	History of American Conservatism	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3110	History of Public Health Disasters	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3111J	Historical Research and Writing	Seminar	3	0	1J; FAW	I	U30		75
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3140	Pop/High Culture in 20th Century America	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3141	History of American Radicalism: From the Populists to Occupy Wall Street	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		This course examines the history of American radicalism, from the Populists and Socialists of late nineteenth century to Occupy Wall Street activism of the 2000s.								
A&S	HIST	HIST	3141A	Honors Experience: History of American Radicalism	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in History of American Radicalism								
A&S	HIST	HIST	3144	US Social History in the 20th century	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3146	American Ideas, 20th- Century	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3147	History of Now: America, 1989-Present	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		This course examines contemporary American history (politics, culture, and ideas) from the end of the Cold War to the election of Donald Trump and then analyzes current events through the lens of historical inquiry.								
A&S	HIST	HIST	3148	Cultural Rebels in the Modern U.S.	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3150	Survey of African American History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3162	History of U.S. Involvement in World Affairs, 1898-1945	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3164	History of U.S. Involvement in World Affairs, 1945-Present	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3170	Survey of Ohio History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3200	Women in American History Before 1877	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3201	Women in American History Since 1877	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3202	Women's Health and Medicine in U.S. History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3211	American Military History, 1600-Present	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3211A	Honors Experience: American Military History Since 1600	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: HIST 3211 concurrently and Ohio Honors student								
		COURSE DESC:		OHIO Honors curricular experience in American Military History Since 1600								
A&S	HIST	HIST	3213	War, Violence, Modernity	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3213A	Honors Experience: War, Violence, and Modernity	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: HIST 3213 concurrently and Ohio Honors student								
		COURSE DESC:		OHIO Honors curricular experience in WAR, Violence, and Modernity								
A&S	HIST	HIST	3220	1960s in U.S.: Decade of Controversy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								
A&S	HIST	HIST	3224	The 1980s in the U.S.: The Age of Reagan and Madonna	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	3230	Latin American History: The Colonial Era	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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.								
A&S	HIST	HIST	3231	Latin American History: From Independence to the Present	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3232	History of Brazil	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3233	The History of Modern Mexico	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3250	History of U.S.- Latin American Relations	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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.								

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A&S	HIST	HIST	3270	Slavery in the Americas	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3281	Jewish History Since 1492	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3290	Ancient Near East: Egypt, Mesopotamia, and the Levant	Lecture	3	0		N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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, Philistines, Phoenicians and Persians. Assignments and lectures are based on both archaeological and literary sources.								
A&S	HIST	HIST	3291	Ancient Greece	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3291A	Honors Experience in Ancient Greece	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	Ohio Honors student and HIST 3291 concurrently						
		COURSE DESC:		NC OHIO Honors curricular experience in Ancient Greece								
A&S	HIST	HIST	3292	Ancient Rome	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3292A	Honors Experience in Ancient Rome	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	Ohio Honors student and HIST 3292 concurrently						
		COURSE DESC:		NC OHIO curricular experience in Ancient Rome								
A&S	HIST	HIST	3293	World of Late Antiquity: Culture and Society in the Late Roman Empire	Lecture	3	0	2CP	N	U30		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	3301	African History Through Film	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3330	Oil, the Persian Gulf, and World Power	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3390	Women in African History	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3450	Southeast Asia to c. 1750: The Creative Synthesis GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	HIST	3451	Southeast Asia, c. 1750 to 1945: Change and Conflict GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	HIST	3452	Southeast Asia, 1945 to the Present: The Search for Stability GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	HIST	3463	History of China from Antiquity to the Early Modern Era GEC1: A-F REQUISITE: (Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461 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.	Lecture	3	0		N	U30		0
A&S	HIST	HIST	3464	History of China from the Early Modern Era to the Present GEC1: A-F REQUISITE: (Soph or Jr or Sr) and not HIST 3462 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.	Lecture	3	0		N	U30		0
A&S	HIST	HIST	3465	History of US China Relations GEC1: A-F REQUISITE: Soph or Jr or Sr This course examines the relationship between the United States and China by tracing its history from the eighteenth century to the present. An exploration of the political, diplomatic, cultural, and economic history of the complex and consequential interactions between the two countries is balanced with a consideration of the impact of US-China ties on the lives of ordinary individuals.	Lecture	3	0	BDP	N	U30		0
A&S	HIST	HIST	3480	Traditional Japan GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0		N	U30		0
A&S	HIST	HIST	3481	Modern Japan GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0		N	U30		0
A&S	HIST	HIST	3500	Science and Society in the Modern World GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0	2SS	N	U30		0
A&S	HIST	HIST	3520	Roman Law & Society GEC1: A-F REQUISITE: 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.	Lecture	3	0	2CP	N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3521	Medieval Law & Society, 500-1000	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		Beginning with the end of the western Roman Empire in 476, this course surveys major legal systems emerging around the Mediterranean and western Europe over the next 500 years. The legacy of imperial Roman law affected all these systems, whose own legacies would endure for centuries. Featured in the survey are the reforms of Justinian and the Corpus Iuris Civilis, early Frankish law, the Visigothic Code, the formation of Islamic jurisprudence, Carolingian legal reforms, and Anglo-Saxon law before the Norman Conquest. Focal topics allow comparison between different legal systems and the societies they affected, e.g. sources of legal authority (human and divine, oral and written); status and rights of women; slavery and minority groups; vengeance and restitution. Students analyze these topics through case studies, based on primary sources in translation.								
A&S	HIST	HIST	3531	Vikings - Saxons - Franks: Western Europe, 476-1066	Lecture	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	3531A	Honors Experience: Vikings - Saxons - Franks: Western Europe, 476-1066	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HIST 3531 concurrent and student in the OHIO Honors program								
		COURSE DESC:		NC OHIO curricular experience in Vikings, Saxons, Franks: Western Europe, 476-1066.								
A&S	HIST	HIST	3532	History of the Crusades	Lecture	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.								
A&S	HIST	HIST	3532A	Honors Experience: History of the Crusades	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Student in the OHIO Honors program								
		COURSE DESC:		NC OHIO Honors curricular experience in History of the Crusades								
A&S	HIST	HIST	3533	Europe in the Middle Ages, 1000-1350	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3541	Medieval Christianity: Church and Society	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3542	The European Reformation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	3550	The Age of Darwin, 1800-Present	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		What is life, and where did it come from? This course presents a historical survey of how people have attempted to answer that question since 1800, by situating the revolutionary impact of Victorian British naturalist Charles Darwin and the theory of evolution in its age. Beginning with key moments in the development of evolutionary theory, the course then explores its reception in Britain, Europe, and Asia. Emphasis is on the social and historical context of ideas as well as controversies and religious disputes, the relationship between ideas and the public especially through popular media, and the various uses of evolutionary ideas in wider arguments about humanity and society. It concludes with a consideration of how historical debates on evolution resonate with debates in the present.								
A&S	HIST	HIST	3555	Women in Medieval Europe	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3560	The Italian Renaissance	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3562	Muslims, Christians, and Jews in the History of Medieval Spain	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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	3580	Power and Revolution in Early Modern Europe, 1450-1650	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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 "revolutions" in world-view, religion, social structure, politics and science/medicine in Europe.								
A&S	HIST	HIST	3581	Politics, Power and People in Europe, 1650-1775	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3600	Women in Early Modern European History, 1400-1800	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3640	Europe Between World Wars, 1919-1939	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3641	Contemporary Europe	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3680	Germany in the 19th- Century	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3681	Germany in the 20th Century	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	HIST	3682	Nazi Germany	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	HIST	HIST	3683	Germany between East and West since 1945	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3710	Magic, Heresy and Witchcraft in Europe	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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.									
A&S	HIST	HIST	3715	Sex, Crime and Deviance in Europe, 1200-1800	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3731	Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3741	Origins of World War II, 1914-1941	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		International problems of peace and war, international organization and alliances.									
A&S	HIST	HIST	3742	The Cold War, 1941-1989	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3750	World War I	Lecture	3	0		N	U30	CORRESPOND	0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3770	The Holocaust	Lecture	3	0	BER	N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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.									
A&S	HIST	HIST	3790	History of Sea Power	Lecture	3	0		N	U30		0	
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		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	3791	Britain and the World since 1970	Lecture	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.									

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	3792	History of Secret Intelligence: Great Game to Five Eyes	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:	This course examines the interconnected history of the British and American intelligence communities. Coverage extends from the Great Game of European empires in the nineteenth century, through the two world wars and the Cold War, to conflicts and crises in the twenty-first century. The course devotes particular attention to espionage in Asia and the Middle East as well as Europe; to the impact of transformative technologies (from telegraphy and radio to submarines, satellites, and cyberspace); and to the special relationship between Britain, the British Commonwealth, and the United States in the Five Eyes alliance.									
A&S	HIST	HIST	3820	History of Russia	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.									
A&S	HIST	HIST	3861	Revolutionary Britain, 1603-1702	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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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A&S	HIST	HIST	3862	English History to 1688	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3864	Making Modern Britain, 1702-1815	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3865	Churchill's Britain	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3866	Afghan Wars	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3867	British Empire in the 19th Century	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		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.								
A&S	HIST	HIST	3868	British Empire in the 20th Century	Lecture	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	Lecture	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	Tutorial	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	Tutorial	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	4000	Capstone: Comparative Women's and Gender History	Seminar	3	0	3; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SR and 6 credit hours in HIST						
		COURSE DESC:		This seminar offers the opportunity for students of history to examine the continuities and changes over time and space in the history of women and gender and to think about the history of women and gender in a comparative context. In units on the history of motherhood, sex and sexuality, labor, politics, education and law, we examine the varieties of gendered experiences and historians' approaches to those experiences. Through practicing oral presentations and leading group discussion, the course also teaches public speaking.								
A&S	HIST	HIST	4115	Ancient East Asian Ideas and the Contemporary World	Seminar	3	0	3; BER; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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 capstone 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 resonate with our own lives.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	4130	Philosophy of History: Understanding the Past	Seminar	3	0	3; BSL; CAP	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Senior and 9 credit hours in History						
		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 curators, artists, and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of historians and philosophers and sparked debates over monuments, museums, and textbooks. 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	Seminar	3	0	3; CAP	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: Piety and Power	Lecture	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(AH 2110 or CARS 2020 or HIST 1210) and (CARS 2110 or 2440 or HIST 3292 or 3531) and Sr only						
		COURSE DESC:		This course is 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 is taught as part of a Spring Break study abroad program.								
A&S	HIST	HIST	4770	Perspectives on the Holocaust: Sources and Interpretation	Seminar	3	0	3; BSL; CAP	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 public speaking, and participate in complex debates about past events and their impact on the present.								
A&S	HIST	HIST	4900	Special Topics in History	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								

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COURSE LISTING
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A&S	HIST	HIST	4910	History Internship	Internship	1 to 4	8	BLD	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 Study	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	Research	1 to 6	12	BLD	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	Tutorial	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.								
A&S	HIST	HIST	4980T	HTC Thesis Tutorial, Spring Semester	Tutorial	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.								
A&S	HIST	HIST	5000	Atlantic History	Lecture	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	Lecture	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	Lecture	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	The Age of Hamilton and Jackson: Life in Early America	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR This class examines the founding and early decades of the United States, an era that continues to weigh heavily in American politics, thought, and culture. Students examine the country's revolutionary origins and the constitutional framework created in the 1770s and 1780s through its expansion across the Continent in the 1840s. They examine how diverse peoples of European, African, and Native American ancestry struggled to coexist and accommodate one another in North America. The course explores the developments and lasting legacies of institution building, slavery, debates over political economy, westward expansion, (including its effects on Native and African-Americans), the nation's place on the world stage, and the emergence of competing parties and ideologies during the Jacksonian period.								
A&S	HIST	HIST	5018	History of the American South to 1900	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5020	Survey of American Indian History	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5106	History of American Conservatism	Lecture	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	Lecture	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	Lecture	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.								
A&S	HIST	HIST	5140	Pop/High Culture in 20th Century America	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5141	History of American Radicalism: From the Populists to Occupy Wall Street	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course examines the history of American radicalism, from the Populists and Socialists of late nineteenth century to Occupy Wall Street activism of the 2000s.								
A&S	HIST	HIST	5144	US Social History in the 20th century	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5147	History of Now: America, 1989-Present	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines contemporary American history (politics, culture, and ideas) from the end of the Cold War to the election of Donald Trump and then analyzes current events through the lens of historical inquiry.								
A&S	HIST	HIST	5148	Cultural Rebels in the Modern U.S.	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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?								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5150	Survey of African American History	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5202	Women's Health and Medicine in U.S. History	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5211	American Military History, 1600-Present	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5213	War, Violence, Modernity	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5220	1960s in U.S.: Decade of Controversy	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5224	The 1980s in the U.S.: The Age of Reagan and Madonna	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								
A&S	HIST	HIST	5231	Latin American History: From Independence to the Present	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5281	Jewish History Since 1492	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	HIST	HIST	5293	World of Late Antiquity: Culture and Society in the Late Roman Empire	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5371	Middle East History 1500 to the present	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		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	5410	History of Africa to 1850	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		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	5411	History of Africa Since 1850	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		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	5420	History of South Africa	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		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	5440	History of Vietnam	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5451	Southeast Asia, c. 1750 to 1945: Change and Conflict	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5452	Southeast Asia, 1945 to the Present: The Search for Stability	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5463	History of China from Antiquity to the Early Modern Era	Lecture	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	5464	History of China from the Early Modern Era to the Present	Lecture	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	5465	History of US China Relations	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines the relationship between the United States and China by tracing its history from the eighteenth century to the present. An exploration of the political, diplomatic, cultural, and economic history of the complex and consequential interactions between the two countries is balanced with a consideration of the impact of US-China ties on the lives of ordinary individuals.								
A&S	HIST	HIST	5480	Traditional Japan	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5481	Modern Japan	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5520	Roman Law & Society	Lecture	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	5521	Medieval Law & Society, 500-1000	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Beginning with the end of the western Roman Empire in 476, this course surveys major legal systems emerging around the Mediterranean and western Europe over the next 500 years. The legacy of imperial Roman law affected all these systems, whose own legacies would endure for centuries. Featured in the survey are the reforms of Justinian and the Corpus Iuris Civilis, early Frankish law, the Visigothic Code, the formation of Islamic jurisprudence, Carolingian legal reforms, and Anglo-Saxon law before the Norman Conquest. Focal topics allow comparison between different legal systems and the societies they affected, e.g. sources of legal authority (human and divine, oral and written); status and rights of women; slavery and minority groups; vengeance and restitution. Students analyze these topics through case studies, based on primary sources in translation.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5531	Vikings - Saxons - Franks: Western Europe, 476-1066	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5532	History of the Crusades	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5536	Eternal Rome: Piety and Power	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5540	History of Early Christianity	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5541	Medieval Christianity: Church and Society	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5542	The European Reformation	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5555	Women in Medieval Europe	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5560	The Italian Renaissance	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5562	Muslims, Christians, and Jews in the History of Medieval Spain	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5580	Power and Revolution in Early Modern Europe, 1450-1650	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5581	Politics, Power and People in Europe, 1650-1775	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5600	Women in Early Modern European History, 1400-1800	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5640	Europe Between World Wars, 1919-1939	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5641	Contemporary Europe	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5680	Germany in the 19th- Century	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5681	Modern Germany in the 20th Century	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5682	Nazi Germany	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	HIST	HIST	5683	Germany between East and West since 1945	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5715	Sex, Crime and Deviance in Europe, 1200-1800	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5792	History of Secret Intelligence: Great Game to Five Eyes	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines the interconnected history of the British and American intelligence communities. Coverage extends from the Great Game of European empires in the nineteenth century, through the two world wars and the Cold War, to conflicts and crises in the twenty-first century. The course devotes particular attention to espionage in Asia and the Middle East as well as Europe; to the impact of transformative technologies (from telegraphy and radio to submarines, satellites, and cyberspace); and to the special relationship between Britain, the British Commonwealth, and the United States in the Five Eyes alliance.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5820	History of Russia	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5821	Russia: Road to Revolution 1825-1917	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5822	Soviet Union	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Soviet Union since the 1917 Revolution. Stalinism, WWII and expansion, Krushchev, Brezhnev. Emphasis on internal affairs.								
A&S	HIST	HIST	5823	The USSR in World War II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	5863	English History to 1688	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5864	Making Modern Britain, 1702-1815	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5865	Churchill's Britain	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5866	Afghan Wars	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5867	British Empire in the 19th Century	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	5868	British Empire in the 20th Century	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5870	European Intellectual and Cultural, 18th-20th-Centuries	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								
A&S	HIST	HIST	5871	European Intellectual and Cultural, 20th-Century	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	1 to 15	999		N	G50		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	HIST	6000	Seminar in United States History	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Topics and research in U.S. history.								
A&S	HIST	HIST	6100	Seminar in Latin American History	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Literature and source materials in Latin American History; readings and reports.								
A&S	HIST	HIST	6300	Seminar in African History	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Research and scholarship in African history.								
A&S	HIST	HIST	6400	Seminar: Southeast Asia	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Research and historiography of Southeast Asian history.								
A&S	HIST	HIST	6500	Seminar in East Asian History	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Study and research in the history of East Asia								
A&S	HIST	HIST	6600	Seminar in European History	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Research in European history.								
A&S	HIST	HIST	6700	Learning and Teaching World History for Graduate Students	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
A&S	HIST	HIST	6900	Special Topics in History	Lecture	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	Seminar	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	Seminar	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.								

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

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A&S	HIST	HIST	6903	Colloquium in European History	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	6908	Colloquium in World History	Seminar	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores world history as a subfield within the discipline of history. Major historiographical issues are examined through the reading and analysis of representative scholarly works.								
A&S	HIST	HIST	6930	Directed Study in History	Ind Study	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.								
A&S	HIST	HIST	6950	Thesis	Thesis	1 to 16	200		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Writing of a Master's thesis.								
A&S	HIST	HIST	8900	Special Topics in History	Lecture	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	HIST	HIST	8930	Independent Study	Ind Study	1 to 15	20		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Topic and content arranged between faculty member and student.								
A&S	HIST	HIST	8950	Dissertation	Thesis	1 to 16	200		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Writing of doctoral dissertation.								
A&S	HIST	JS	1000	Introduction to Jewish Studies	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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

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A&S	HIST	JS	2100	History of Jewish Humor	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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 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	Lecture	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	T3	4070	Sin and Sex in Western Legal History	Seminar	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 8 Hours in Tier II Humanities and Sr only								
		COURSE DESC:		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	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		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	Discussion	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		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	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		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	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		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	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours Tier II Social Sciences or Humanities and Sr only								
		COURSE DESC:		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	4140	Slavery: 1400 to the present	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	HIST	T3	4160	Gender in the Renaissance	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	T3	4180	Disease, Medicine and Society in Europe to 1800	Lecture	3	0	3	N	U30		0
				ELIGIBLE GRADES: 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.								
A&S	HIST	T3	4820	Art and History: 1950s and 1960s	Lecture	3	0	3	N	U30		0
				ELIGIBLE GRADES: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	INST	MALA	3110	Advanced Malaysian I	Lecture	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	Lecture	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 Study	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	Lecture	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	Lecture	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 Study	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	Lecture	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	Lecture	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.								
A&S	INST	ZULU	2110	Intermediate Zulu I	Lecture	4	0	2CP	N	U30		0
		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.								
A&S	INST	ZULU	2120	Intermediate Zulu II	Lecture	4	0	2CP	N	U30		0
		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.								
A&S	INST	ZULU	5110	Elementary Zulu I	Lecture	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 Zulu speakers.								
A&S	INST	ZULU	5120	Elementary Zulu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ZULU 5110 or (569A and 569B)								
		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 Zulu speakers.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	INST	ZULU	5210	Intermediate Zulu I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ZULU 5120 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 Zulu speakers.								
A&S	INST	ZULU	5220	Intermediate Zulu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ZULU 5210 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 Zulu speakers.								

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

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A&S	LING	AGC	1300	Business Relations and Communication Skills	Seminar	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is designed to help students develop global citizenship ideals for future success in the ever-shrinking business world. Students strengthen their presentation and intercultural communication skills through project-based teamwork, and feel better equipped to work in a business/entrepreneurial setting.								
A&S	LING	AGC	5100	Critical Reading and Analysis	Seminar	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This course assists graduate students in managing their academic reading load in their field of study. The course focuses on developing and improving efficient reading habits and techniques; improving reading rate and comprehension; increasing vocabulary size; recognizing and developing information structure; and sharpening critical thinking skills. Students practice identifying the rhetorical structures and styles of texts, learning to recognize lexical, grammatical, and organizational signals, in order to better predict the content and styles of various texts. The course incorporates readings from various genres and readings from the students' own disciplines. Also included in the course are finding and evaluating sources for a topic efficiently; summarizing and paraphrasing source materials effectively; and using various individualized reading strategies to improve reading rate and comprehension.							
A&S	LING	AGC	5120	Graduate Reading and Writing	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This course assists international graduate students as they work toward becoming independent and skilled readers and writers in their disciplines. Course writing assignments focus on students' specific disciplines and include summaries, response papers, and essays. Also addressed in the course are strategies for avoiding plagiarism and citing sources accurately, developing academic vocabulary to express ideas precisely and concisely, and using academic grammar effectively. Using texts from students' fields of study, reading skills are also included. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is provided to maximize learning.							
A&S	LING	AGC	5140	Academic Writing in Graduate Studies	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This course develops the skills graduate students need to become successful writers in their academic and post-academic careers. Course topics include writing a critique, annotated bibliography, literature review, and research paper. The course covers strategies for organizing and developing thoughts, writing concisely in an academic style, proofreading, avoiding plagiarism, and citing sources effectively, according to a discipline-specific citation style. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is provided to maximize learning.							
A&S	LING	AGC	5160	Writing for Research and Publication	Seminar	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This course 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 are covered. Also addressed are avoiding plagiarism, following a discipline-specific citation style, and using a discipline-specific writing style. Individualized attention is provided to maximize learning.							
A&S	LING	AGC	5180	Professional Writing in Public Administration	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This workshop provides writing assistance for students in the Online Executive Masters of Public Administration Program in the Voinovich School of Leadership and Public Affairs. Course 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, following APA style. Writing assignments are 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	AGC	5200	English Pronunciation	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	This course assists international graduate students in improving their pronunciation of American English for overall intelligibility and comprehension. Course 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	AGC	5220	Classroom Communication Skills for Teaching Assistants	Seminar	3	9		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F	The major emphasis in this class is on developing the classroom communication skills necessary for effective teaching, which include fluency, use of discourse markers, the structural control needed for defining and explaining, and responding to questions. In addition, considerable attention is given to the communication skills necessary for effective interaction with undergraduate students, to meeting the communication needs of both the class as a whole and the individual student, and to the awareness of expectations of Teaching Assistants.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	AGC	5300	Oral Communication in Graduate Studies	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		The goal of this highly interactive course is to equip students with the oral communication skills and confidence needed to succeed in professional and academic communities. Students explore strategies for effective public speaking and implement those strategies through a variety of presentations and group discussion projects. Other topics include oral summaries and presenting to diverse audiences.								
A&S	LING	AGC	5320	Presenting in Research & Professional Contexts	Seminar	3	6		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	AGC	6000	Special Studies in Graduate Writing	Tutorial	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	AGC	6100	Special Studies in Oral Communication	Tutorial	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	AGC	6900	Special Topics in Academic Communication	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The course guides students through practical application of academic and professional communication skills based on their interests and communication needs.								
A&S	LING	ARAB	1110	Elementary Arabic I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	ARAB	3990	Special Studies in Arabic	Tutorial	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	Lecture	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	ARAB	5110	Elementary Arabic I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		First course in a two-semester first year sequence.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	ARAB	5120	Elementary Arabic II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5110 CR								
		COURSE DESC:		Second course of two-semester first-year sequence.								
A&S	LING	ARAB	5210	Intermediate Arabic I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5120 CR								
		COURSE DESC:		First course of two semester intermediate-level sequence.								
A&S	LING	ARAB	5220	Intermediate Arabic II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ARAB 5210 CR								
		COURSE DESC:		Second course of two semester intermediate-level sequence.								
A&S	LING	ARAB	5900	Special Topics in Arabic	Lecture	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	ARAB	5990	Special Studies in Arabic	Tutorial	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		COURSE DESC:		Special studies in advanced Arabic studies.								
A&S	LING	CHIN	1110	Elementary Chinese I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	CHIN	3100	Chinese Language and Culture: Preparing for Summer Study in China	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHIN 1120 or concurrent and no more than 2 prior credits in 3100 PR, F								
		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	3110	Advanced Chinese I	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	LING	CHIN	3990	Special Studies in Chinese	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
A&S	LING	CHIN	4110	Advanced Reading and Conversation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHIN 3120								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHIN 4110								
				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	Lecture	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	LING	CHIN	5100	Chinese Language and Culture: Preparing for Summer Study in China	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHIN 5120								
				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	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				Study of spoken and written Mandarin.								
A&S	LING	CHIN	5120	Elementary Chinese II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CHIN 5110								
				Study of spoken and written Mandarin.								
A&S	LING	CHIN	5210	Intermediate Chinese I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CHIN 5120								
				CR First course of two-semester intermediate-level sequence.								
A&S	LING	CHIN	5220	Intermediate Chinese II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CHIN 5210								
				CR Second course of two-semester intermediate-level sequence.								
A&S	LING	CHIN	5310	Advanced Chinese I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CHIN 5220								
				CR First course of an advanced two-course third-year sequence.								
A&S	LING	CHIN	5320	Advanced Chinese II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CHIN 5310								
				CR Second course of an advanced two-course third-year sequence.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	CHIN	5410	Advanced Reading and Conversation	Lecture	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	Lecture	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	Lecture	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	Lecture	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	ILL	3400	Traditional Literature of Southeast Asia	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey of traditional literature of Southeast Asia in English.								
A&S	LING	ILL	3450	Modern Literature of South East Asia	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Course description not available.								
A&S	LING	ILL	3890	Women in Chinese Literature	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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.								
A&S	LING	ILL	4900	Special Topics in International Literature - Linguistics	Lecture	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	ILL	5890	Women in Chinese Literature	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 5320								
		COURSE DESC:		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.								
A&S	LING	ILL	5900	Special Topics in International Literature - Linguistics	Lecture	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	JPC	2500	Introduction to Japanese Culture	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to cultural traditions of Japan and its language. English translations are used.								
A&S	LING	JPC	2900	Special Topics in Japanese Culture	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPC	3100	Field Study in Japan	Lecture	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	Lecture	3	0	BDP	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 1120								
		COURSE DESC:		First course of two-semester intermediate-level sequence.								
A&S	LING	JPN	2120	Intermediate Japanese II	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	LING	JPN	3120	Advanced Japanese II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	4110	Fourth-Year Japanese I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 3120								
		COURSE DESC:		Beginning course of two course fourth-year sequence.								
A&S	LING	JPN	4120	Fourth-Year Japanese II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JPN 4110								
		COURSE DESC:		Second course of a two course fourth-year sequence.								
A&S	LING	JPN	4900	Special Topics in Japanese Language	Lecture	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	JPN	5110	Elementary Japanese I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Beginning course of two semester first-year sequence.								
A&S	LING	JPN	5120	Elementary Japanese II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5110								
		COURSE DESC:		CR Study of spoken and written Japanese.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	JPN	5210	Intermediate Japanese I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5120 CR								
		COURSE DESC:		Study of spoken and written Japanese.								
A&S	LING	JPN	5220	Intermediate Japanese II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5210 CR								
		COURSE DESC:		Study of spoken and written Japanese.								
A&S	LING	JPN	5310	Advanced Japanese I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: JPN 5220 CR								
		COURSE DESC:		Study of spoken and written Japanese.								
A&S	LING	JPN	5320	Advanced Japanese II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

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A&S	LING	JPN	5990	Special Studies	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		COURSE DESC:		Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Japanese language and culture.								
A&S	LING	LING	1000	An Introduction to the Non-Indo-European Languages and Cultures of Africa and Asia	Lecture	3	0	2CP; FIE	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an overview and appreciation of Middle-Eastern, African, and Asian languages and their cultures, and allows students the opportunity to explore those languages and cultures they most wish to engage with. The course focuses mainly on Arabic, Chinese, Japanese, and Swahili, the languages taught in the Linguistics Department. But the course also looks at other languages such as Hebrew, Wolof, Zulu, Thai, Vietnamese, Malay, Indonesian and Korean. As such, the course provides a taster of the languages that can be studied intensively at Ohio University and the belief systems that underlie them. At the same time, the course provides students who do not seek intensive language instruction, the chance to learn basic language and cultural skills and sensitivities needed for travel and work in Africa and Asia.								
A&S	LING	LING	1010	Grammar in Language Learning and Teaching	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		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	Lecture	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course answers many of the questions that people usually ask about language. Are some languages more complex than others? Are some languages more beautiful than others? Is it easier for a child to learn a second language than an adult? Do women talk more than men? Are people that use bad grammar slovenly? These and many more questions will be answered by looking at what the empirical study of language tells us. Many of the answers will surprise you. By the end of this course, you will have a much better idea about what is a language myth and what is the real nature of language.								
A&S	LING	LING	2750	Introduction to Language and Culture	Lecture	3	0	2CP; ACNW; FIE	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	Lecture	3	0	ACNW; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		Introduction to methods and concepts of linguistic analysis through 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. Investigation of rural, urban, social, ethnic and gendered varieties of English.								
A&S	LING	LING	2850	Sustaining the Mother Tongue: An Introduction to Language Endangerment and Language Revitalization	Lecture	3	0	2CP; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an introduction to the causes of language endangerment and death and how languages can be revitalized and sustained. The course explores what constitutes an endangered language and which languages out of the 7,000 languages spoken in the world are most under threat. It focuses on the most endangered languages: the indigenous languages spoken by the national and tribal minorities of the Americas, Africa, Asia, and Oceania, and the marginalized European languages of the Irish and the Basques, and explores the factors that contribute to their endangerment and the ways in which we can help these languages survive and thrive.								
A&S	LING	LING	2860	Introduction to Language and Technology	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		This course examines the interaction of language and technology. Technology has transformed our access to written text from stone tablets to parchment and from paperbacks to Kindles. How much has the ease of access to written text increased literacy? And how much has the ease of access to written text, especially electronic text, diminished our capacity for the sustained reading a novel requires? This course examines these issues and many more including the emergence of texting as a new language form, how speech recognition devices like Alexa may be tools for surveillance, and whether robots will replace language teachers.								
A&S	LING	LING	2900	Special Topics in Linguistics	Lecture	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	LING	3500	Introduction to Linguistics	Lecture	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.								

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COURSE LISTING
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A&S	LING	LING	3800	Introduction to Psycholinguistics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		Study of linguistic behavior and psychological mechanisms responsible for it.								
A&S	LING	LING	3880	Special Topics in Applied Linguistics	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		Special topics of study of basic assumptions, approaches and methods of particular subfield of applied linguistics.in the realm of applied linguistics for undergraduate students. Topics may vary depending on instructor.								
A&S	LING	LING	3900	Language and Gender	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Introduction to the study of the relation between gender and language use. This course explores how language participates both in gender practices and in how people construct their gender identities in different sociocultural contexts.								
A&S	LING	LING	4150	Audio, Video and Multimedia in Language Learning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		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	4160	Designing Advanced Interactive Computer Assisted Language Learning Materials	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4150								
		COURSE DESC:		Second course in a sequence designed to provide training in developing instructional course materials. 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	4400	Forensic Linguistics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		This course is an overview of the field of Forensic Linguistics, or linguistic science applied in legal settings. The class covers various topics including the language of police and suspects, language crimes, and linguistics as evidence in speaker/author identification.								
A&S	LING	LING	4510	Technology Enhanced Language Teaching I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		This course explores key terms and concepts related to computer-assisted language learning, a range of technology-assisted language learning tools, and practical considerations of how to use technology for teaching regarding various language skills..								
A&S	LING	LING	4520	Technology Enhanced Language Teaching II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4510								
		COURSE DESC:		TELT II is a project-based course that emphasizes instructional design and user experience approaches to the development of online/hybrid courses and educational products/platforms that focus on student/user engagement, creativity, digital citizenship and digital age learning experiences from linguistics/applied linguistics perspectives.								
A&S	LING	LING	4600	Introduction to Phonetics	Lecture	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 have several opportunities to analyze the speech of themselves and others.								
A&S	LING	LING	4610	Introduction to Phonology and Morphology	Lecture	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	Lecture	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	4701	Grammar and Syntax	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		This course familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach with some reference to its later development called the Minimalist Program. 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. They are also introduced to seminal research papers written on first and second language acquisition in the theoretical framework of Chomskyan syntax.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	LING	LING	4750	Language Learning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LING 3500 or concurrent						
		COURSE DESC:		This course provides an introduction to some of the major theories, hypotheses, principles, and areas of empirical inquiry traditionally and currently being investigated in the field of second language acquisition (SLA) research. This course also provides a background regarding first language acquisition, but the primary focus is on second language acquisition. The course aims to develop student awareness of how SLA theories apply to second language learning situations and teaching practices.								
A&S	LING	LING	4800	Methods and Materials in TEFL	Lecture	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	4820	Introduction to English for Specific Purposes	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LING 4800 or concurrent						
		COURSE DESC:		English for Specific Purposes (ESP) refers to the branch of language teaching and research in which course content and teaching approaches are derived from an analysis of language use in a specific context. In contrast to general purposes language courses, in which purpose is broadly defined, ESP courses are designed to prepare learners with the specific language requirements they need in order to participate appropriately in particular academic, occupational, and professional communities. This course surveys the literature that has contributed to the growth of the field of ESP and 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.								
A&S	LING	LING	4830	Assessing Language Abilities	Lecture	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	Lecture	3	0	3	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	Lecture	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	Lecture	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	4870	Introduction to Research Methods in Applied Linguistics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LING 3500						
		COURSE DESC:		This course focuses on research methods in applied linguistics with emphasis on second language research. The course covers several stages of conceptualizing and conducting research: IRB permission, research questions development, selection of data collection measures, data collection, data analysis, and the process of writing up research. Students are introduced to quantitative, qualitative, and mixed-methods research designs.								
A&S	LING	LING	4900	Special Topics in Linguistics	Lecture	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	LING	4901	Sociolinguistics and Bilingualism	Lecture	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 introduces 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	Internship	1 to 3	6	BLD	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	Practicum	2	4	BLD	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	LING	LING	4921	CALL Teaching Practicum	Practicum	2	4	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 4520								
		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	4940	Research Experience in Linguistics	Research	3	6	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and LING 3500								
		COURSE DESC:		In this research practicum, students work with faculty on the professor's research projects. By collaborating on the implementation of a research design, and the evaluation and presentation of the the results, students have the opportunity to reflect on how this research capstone connects with everything they have studied in linguistics.								
A&S	LING	LING	4941	Directed Research in Linguistics	Research	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: LING 4940								
		COURSE DESC:		Working under the direction of a faculty member, students will undertake their own research.								
A&S	LING	LING	4990	Special Studies in Linguistics	Tutorial	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Independent study of particular area of interest in linguistics.								
A&S	LING	LING	5010	Grammar in Language Learning and Teaching	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		An online self-paced introduction to grammar.								
A&S	LING	LING	5150	Distributed Learning Courseware - Basics	Ind Study	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	Lecture	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	Lecture	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	5400	Forensic Linguistics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is an overview of the field of Forensic Linguistics, or linguistic science applied in legal settings. The class covers various topics including the language of police and suspects, language crimes, and linguistics as evidence in speaker/author identification.								
A&S	LING	LING	5500	Introduction to Linguistics	Lecture	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	Technology Enhanced Language Teaching I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5500 or concurrent or Linguistics major								
		COURSE DESC:		This course explores key terms and concepts related to computer-assisted language learning, a range of technology-assisted language learning tools, and practical considerations of how to use technology for teaching regarding various language skills..								
A&S	LING	LING	5520	Technology Enhanced Language Teaching II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5510								
		COURSE DESC:		TELT II is a project-based course that emphasizes instructional design and user experience approaches to the development of online/hybrid courses and educational products/platforms that focus on student/user engagement, creativity, digital citizenship and digital age learning experiences from linguistics/applied linguistics perspectives.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	LING	5600	Introduction to Phonetics GEC1: A-F REQUISITE: 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 have several opportunities to analyze the speech of themselves and others.	Lecture	4	0		N	G40		0
A&S	LING	LING	5610	Introduction to Phonology and Morphology GEC1: A-F REQUISITE: Introductory course in analysis of sound systems of natural languages.	Lecture	4	0		N	G40		0
A&S	LING	LING	5700	Syntactic Description of English GEC1: A-F REQUISITE: 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.	Lecture	4	0		N	G40		0
A&S	LING	LING	5701	Grammar and Syntax GEC1: A-F REQUISITE: LING 5500 This course familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach with some reference to its later development called the Minimalist Program. 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. They are also introduced to seminal research papers written on first and second language acquisition in the theoretical framework of Chomskyan syntax.	Lecture	4	0		N	G40		0
A&S	LING	LING	5750	Language Learning GEC1: A-F REQUISITE: (LING 5500 or concurrent) or Linguistics major This course provides an introduction to some of the major theories, hypotheses, principles, and areas of empirical inquiry traditionally and currently being investigated in the field of second language acquisition (SLA) research. This course also provides a background regarding first language acquisition, but the primary focus is on second language acquisition. The course aims to develop student awareness of how SLA theories apply to second language learning situations and teaching practices.	Lecture	4	0		N	G40		0
A&S	LING	LING	5760	Second Language Acquisition Research and Theory GEC1: A-F REQUISITE: Research and theories of second language acquisition.	Lecture	4	0		N	G40		0
A&S	LING	LING	5780	Introduction to Psycholinguistics GEC1: A-F REQUISITE: Study of linguistic behavior and psychological mechanisms responsible for it.	Lecture	4	0		N	G40		0
A&S	LING	LING	5800	Methods and Materials in TEFL GEC1: A-F REQUISITE: LING 5750 or concurrent or Linguistics majors Second language teaching theory and methodology, with emphasis on teaching English as foreign language and language materials and course design.	Lecture	4	0		N	G40		0
A&S	LING	LING	5820	Introduction to English for Specific Purposes GEC1: A-F REQUISITE: LING 5800 or concurrent English for Specific Purposes (ESP) refers to the branch of language teaching and research in which course content and teaching approaches are derived from an analysis of language use in a specific context. In contrast to general purposes language courses, in which purpose is broadly defined, ESP courses are designed to prepare learners with the specific language requirements they need in order to participate appropriately in particular academic, occupational, and professional communities. This course surveys the literature that has contributed to the growth of the field of ESP and 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.	Seminar	4	0		N	G40		0
A&S	LING	LING	5830	Assesing Language Abilities: Proseminar in TEFL Testing GEC1: A-F REQUISITE: LING 5800 or concurrent or Linguistics majors Advanced research in special problems in testing English as a second or foreign language.	Lecture	4	0		N	G40		0
A&S	LING	LING	5850	Historical Linguistics GEC1: A-F REQUISITE: LING 5610 or 560 Study of genealogical and typological classification of languages, methods of historical analysis, and change in language systems.	Lecture	4	0		N	G40		0
A&S	LING	LING	5860	Introduction to Semantics and Pragmatics GEC1: A-F REQUISITE: Introduces the key concepts of Semantics and Pragmatics, explores their interface, and examines their application to second language teaching.	Lecture	4	0		N	G40		0

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A&S	LING	LING	5870	Introduction to Research Methods in Applied Linguistics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (LING 5500 or concurrent) or Linguistics major								
		COURSE DESC:		This course focuses on research methods in applied linguistics with emphasis on second language research. The course covers several stages of conceptualizing and conducting research: IRB permission, research questions development, selection of data collection measures, data collection, data analysis, and the process of writing up research. Students are introduced to quantitative, qualitative, and mixed-methods research designs.								
A&S	LING	LING	5880	Special Topics in Applied Linguistics	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Critical examination of basic assumptions, approaches, and methods of particular subfields of applied linguistics.								
A&S	LING	LING	5900	Special Topics in Linguistics	Lecture	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	LING	5901	Sociolinguistics and Bilingualism	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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 introduces students to the basic aspects of bilingual education from the historical legal, sociological, linguistic, and educational perspectives.								
A&S	LING	LING	5912	Internship in TESOL	Internship	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Practice in ESL teaching, instructional support, and/or program administration.								
A&S	LING	LING	5920	Language Teaching Practicum	Practicum	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 5800 or concurrent								
		COURSE DESC:		PR, F Supervised graduate student teaching. Required twice for all M.A.--TESOL majors and all teaching associates.								
A&S	LING	LING	5921	CALL Teaching Practicum	Practicum	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: LING 5510								
		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	5922	Practicum in Teaching Foreign Languages	Practicum	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F 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	Practicum	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Provides pedagogical support to Linguistics TAs teaching Linguistics courses especially LING2700 and LING3500								
A&S	LING	LING	5940	Research Experience in Linguistics	Research	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F In this research practicum, students work with faculty on the professor's research projects. By collaborating on the implementation of a research design, and the evaluation and presentation of the the results, students have the opportunity to reflect on how this research capstone connects with everything they have studied in linguistics.								
A&S	LING	LING	6000	Studies in Linguistics	Tutorial	.5 to 4	999		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR Directed individual investigation of particular area of interest in linguistics.								
A&S	LING	LING	6090	Colloquium in Linguistics	Seminar	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F Regularly scheduled lectures on topics related to theoretical and applied linguistics.								

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A&S	LING	LING	6610	Second Language Listening and Speaking	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5800								
		COURSE DESC:		An introduction to the current theoretical understanding of the nature of second language listening and speaking and the evidence-based principles underlying the development of effective and engaging pedagogical materials for the teaching of second language listening and speaking in ESL/EFL settings.								
A&S	LING	LING	6710	Grammar in use	Lecture	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	Lecture	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	Lecture	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	Thesis	.5 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Advanced research culminating in thesis.								
A&S	LING	LING	6970	Linguistics Graduate Capstone: Culminating Experience Professional Portfolio Seminar	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		As a culminating experience, this course provides students with the opportunity to reflect on and synthesize the knowledge and skills they have obtained throughout the graduate program in a way both meaningful and relevant to their professional goals. Students develop an electronic portfolio consisting of various documents and materials and learn strategies for effective presentations of their professional and scholarly expertise. Flexibility in the format is available depending on the student's degree goals.								
A&S	LING	SWAH	1110	Elementary Swahili I	Lecture	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	Lecture	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	Lecture	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.								

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A&S	LING	SWAH	2120	Intermediate Swahili II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SWAH 2110								
				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	Lecture	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	LING	SWAH	3110	Advanced Swahili I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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 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	3990	Special Studies in Swahili	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	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	LING	SWAH	5110	Elementary Swahili I	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		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.								

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COURSE LISTING
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A&S	LING	SWAH	5120	Elementary Swahili II	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SWAH 5110 CR								
		COURSE DESC:		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.								
A&S	LING	SWAH	5210	Intermediate Swahili I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 knowldege 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	T3	4830	Language, Culture and Sport	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	D003	Elementary Algebra	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Laboratory	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	Lecture	3	0	1M; FQR	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) or (Math Placement DV plus MATH 1060L co-requisite)) 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 the College of Arts and Science's Natural Sciences Area Requirement.								
A&S	MATH	MATH	1060L	Support for Quantitative Reasoning	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		This course develops skills to support student engagement, critical thinking, and problem solving in a variety of mathematical and quantitative contexts, especially real-life situations. The course focuses on strategies to solve quantitative problems, to comprehend quantitatively rich text, to interpret visual displays of quantitative information, to listen to and watch with comprehension quantitatively rich presentations, and to represent and communicate quantitative information. The course develops organizational skills, spreadsheet skills, word-processing skills, a growth mindset, self-efficacy, and means to overcome various forms of anxiety.								
				Must be taken concurrently with MATH 1060. 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 Sciences requirements.								
A&S	MATH	MATH	1090	Consumer Mathematics	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	1101	Elementary Topics in Mathematics I	Lecture	4	0	1M; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Education majors						
		COURSE DESC:		Elementary Topics in Mathematics I and II develop mathematical topics usually taught in grades preK-5 to a depth required for future elementary and middle grades 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 of Elementary Topics in Mathematics I include 1) explaining and justifying standard and alternative algorithms for basic arithmetic operations on whole numbers, rational numbers, and integers that are 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 counting and cardinality, the development of the base-10 number system, properties of and operations on natural, whole, signed, rational, and irrational numbers; and number theory. Satisfies Tier I requirement for elementary education majors only. Does not apply to Arts & Sciences Natural Science requirements.								
A&S	MATH	MATH	1102	Elementary Topics in Mathematics II	Lecture	4	0	1M; ACSW	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 and middle grades 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. This emphasis on the standard algorithms for basic operations taught in K-8 mathematics and their comparison to children's invented algorithms allows students to engage with the cultural aspects of mathematics and see how our approach to computation and teaching mathematics reflects our greater access to technology and our evolving values of broader society. The mathematical content is focused on topics of fundamental importance for understanding, reasoning about, interpreting, and constructing arguments with quantitative data. The specific topics include ratios and proportional reasoning, algebraic reasoning, functional and non-linear relationships, and measurement. Properties of two-dimensional and three-dimensional geometric objects are explored including area, congruence, similarity, symmetry and translations. Foundational ideas of probability and statistics are addressed including data displays, measure of central tendency, comparing populations and samples, experimental and theoretical probability, and relationships in bivariate data. Does not apply to Arts & Sciences Natural Science requirements.								
A&S	MATH	MATH	1200	College Algebra	Lecture	4	0	1M; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in MATH D005 or 102 or D004) or (Math Place DV & co-req MATH 1200L) or (Math Place Level 1 or higher) WARNING: No credit for this crse & MATH 1321. No credit if the student has credit for MATH 2301, 2302, or above 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 do not need MATH 1200 for their intended majors or as a prerequisite for other classes should consider instead taking MATH 1060, MATH 1500, or another BRICKS: Foundations: Quantitative Reasoning course. 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	1200L	College Algebra Essentials	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	MATH 1200 Concurrent						
		COURSE DESC:		The course provides just-in-time support/review of concepts and skills needed for understanding the material in Math 1200 (College Algebra) and is taken concurrently with Math 1200.								
A&S	MATH	MATH	1250	Introductory Game Theory	Lecture	3	0	1M; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH D004 or MATH D005 or MATH 102 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	Lecture	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	Lecture	4	0	1M; FQR	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	Lecture	3	0	1M; FQR	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) No credit if the student has credit for MATH 2301, 2302, or higher than 2500.						
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	1322	Elementary Applied Mathematics II	Lecture	3	0	1M; FQR	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)..								
A&S	MATH	MATH	1350	Survey of Calculus	Lecture	4	0	2AS; FQR	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	1500	Introductory Statistics	Lecture	3	0	1M; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH Placement Level 1) or (MATH D004 or MATH D005) or (MATH Placement Level DV with co-requisite MATH 1500L) and no credit if taken after COMS 3520, ECON 3810, ET 2400, ET 2450, GEOG 2710, ISE 3040 or 3200, MATH 2500, PSY 1110 or 2110, or QBA 2010						
		COURSE DESC:		An introductory course on conceptual understanding of statistical methods and techniques, including descriptive statistics, correlation and regression, elementary probability, estimation, confidence intervals, hypothesis testing, and the use of software. The course emphasizes the reasoning skills necessary for understanding and critically evaluating statistical information. No credit if taken after MATH 2500 or PSY 2110 or QBA 2010 or ISE 3040 or ISE 3200 or COMS 3520 or Econ 3810 or GEOG 2710. Students cannot earn credit for MATH 1500 and PSY 1110 (first course taken deducted).								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	1500L	Introductory Statistics Essentials	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MATH 1500 or concurrent PR, F								
		COURSE DESC:		The course is a co-requisite course for MATH 1500 (Introductory Statistics) for students who need extra support. It is taken concurrently with MATH 1500 and provides just-in-time support/review of concepts and skills needed to successfully complete MATH 1500. Topics include, but are not limited to: number forms, special notations, graphing points and lines, evaluating expressions, solving basic equations, working with charts and diagrams, and set operations. Additionally, this course will include further examples, activities, and use of technology to supplement learning with topics directly from the MATH 1500 class.								
A&S	MATH	MATH	1500L	Introductory Statistics Essentials	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MATH 1500 or concurrent PR, F								
		COURSE DESC:		The course will be used as a co-requisite for MATH1500 (Introductory Statistics) for students with developmental placement. Topics may include but are not limited to: rounding, operations with fractions, evaluating formulas, plotting points and lines, understanding sigma notation, using and interpreting diagrams and set operations as well as additional examples, experiments and use of technology to supplement learning from the MATH 1500 class. Students will use courseware and/or in-house developed material/ assignments under the supervision of a mentor/instructor to obtain just-in-time support/review for the concepts covered in Introductory Statistics.								
A&S	MATH	MATH	2110	Introductory Geometry for Middle School Teachers	Lecture	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 any education major.								
		COURSE DESC:		This course prepares prospective teachers to teach mathematics to children in grades 4-9 and is appropriate for middle childhood education and other education majors. It focuses on the geometry and measurement topics covered in the Common Core State Standards for grades 4-9. The course also addresses how some of these topics develop in secondary grades to give prospective teachers a sense of the mathematics they will be preparing students to learn later. The course is taught through an inquiry approach that focuses on problem solving and discussion and is designed to encourage exploration and explanation of mathematical ideas. This course will cover visualization, angles, geometric shapes and three-dimensional figures and their properties, some constructions with straightedge and compass and with technology, transformational geometry, symmetry, congruence, similarity, measurement (especially length, area, and volume), converting measurements, principles underlying calculations of areas and volumes, why various area and volume formulas are valid, the behavior of area and volume under scaling, uses of right angle trigonometry and various technologies to aid in teaching geometry. Students will be expected to develop and prove or disprove conjectures about geometric figures. Construction of proofs will involve exploration, discovery, conjecture, and certification of reasoning. Topics will be addressed to develop a deep conceptual understanding of geometry and measurement needed for teaching this content to grades 4-9 students. Students will experience and grapple with how geometry can describe and interpret problems from various circumstances in the real world.								
A&S	MATH	MATH	2301	Calculus I	Lecture	4	0	2AS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (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. Calculus is the mathematical language used to describe and analyze change. The course emphasizes how this abstract language and its associated techniques provide a unified way of approaching problems originating in disparate areas of science, technology, and society, highlighting how questions arising in different fields are connected to the same fundamental mathematical ideas. No credit for both MATH 2301 and 1350 (always keep 2301).								
A&S	MATH	MATH	2301	Calculus I	Recitation	4	0	2AS; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (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. Calculus is the mathematical language used to describe and analyze change. The course emphasizes how this abstract language and its associated techniques provide a unified way of approaching problems originating in disparate areas of science, technology, and society, highlighting how questions arising in different fields are connected to the same fundamental mathematical ideas. No credit for both MATH 2301 and 1350 (always keep 2301).								
A&S	MATH	MATH	2301A	Honors Experience: Calculus I	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: MATH 2301 concurrently and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in Calculus I								
A&S	MATH	MATH	2302	Calculus II	Lecture	4	0	2AS; FQR	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	Recitation	4	0	2AS; FQR	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	MATH	MATH	2302A	Honors Experience: Calculus II	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: MATH 2302 concurrently and Ohio Honors student								
		COURSE DESC:		Ohio Honors curricular experience in Calculus II								
A&S	MATH	MATH	2500	Statistics and Probability	Lecture	4	0	1M; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 1060 or 1200 or 1250 or 1260 or 1321 or 1500) or Math placement 2 or higher and WARNING: Not COMS 3520 or ECON 3810 or GEOG 2710 or ISE 3040 or ISE 3200 or ET 2450 or PSY 2110 or QBA 2010								
		COURSE DESC:		A course in statistics and probability with focus on techniques and use of statistical software for organization of univariate and bivariate data, central tendency and dispersion, correlation, designed experiments, probability, random variables, binomial and normal distributions, sampling distributions, inferences from small and large samples, estimation, confidence intervals and hypothesis testing. The course introduces the language and mathematics underlying statistical reasoning. It emphasizes how the same mathematical ideas can be deployed in different areas of inquiry, and how one can combine these techniques with suitable technology to quantify the uncertainty present whenever one makes predictions based on empirical data, regardless of the field of study.								
A&S	MATH	MATH	2500A	Honors Experience in Introduction to Statistics	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: Ohio Honors student and MATH 2500 concurrently								
		COURSE DESC:		OHIO Honors curricular experience in Introduction to Statistics								
A&S	MATH	MATH	2530	Introductory Data Science	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Math placement level 2 or higher) or MATH 1200 or 1500 or PSY 1110								
		COURSE DESC:		Students learn the basics of data acquisition, organization, and analysis; acquire hands-on experience with statistical estimation and inference, data modelling, and visualization; and explore machine learning applications, data privacy, and ethics.								
A&S	MATH	MATH	2530	Introductory Data Science	Recitation	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Math placement level 2 or higher) or MATH 1200 or 1500 or PSY 1110								
		COURSE DESC:		Students learn the basics of data acquisition, organization, and analysis; acquire hands-on experience with statistical estimation and inference, data modelling, and visualization; and explore machine learning applications, data privacy, and ethics.								
A&S	MATH	MATH	2530X	Foundations of Data Science	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 1060, 1090, 1101, 1200, 1250, 1260, 1322, or 1500) or (Math placement 2 or higher)								
		COURSE DESC:		Foundations of data science from three perspectives: inferential thinking, computational thinking, and real-world relevance. Given data arising from some real-world phenomenon, how does one analyze that data so as to understand that phenomenon? The course teaches critical concepts and skills in computer programming and statistical inference, in conjunction with hands-on analysis of real-world datasets, including economic data, document collections, geographical data, and social networks. It delves into social and legal issues surrounding data analysis, including issues of privacy and data ownership.								
A&S	MATH	MATH	2530X	Foundations of Data Science	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 1060, 1090, 1101, 1200, 1250, 1260, 1322, or 1500) or (Math placement 2 or higher)								
		COURSE DESC:		Foundations of data science from three perspectives: inferential thinking, computational thinking, and real-world relevance. Given data arising from some real-world phenomenon, how does one analyze that data so as to understand that phenomenon? The course teaches critical concepts and skills in computer programming and statistical inference, in conjunction with hands-on analysis of real-world datasets, including economic data, document collections, geographical data, and social networks. It delves into social and legal issues surrounding data analysis, including issues of privacy and data ownership.								
A&S	MATH	MATH	2900	Special Topics in Mathematics	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	MATH	MATH	2970T	Mathematics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR 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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR 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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR REQUISITE: HTC								
		COURSE DESC:		Special program for students enrolled in HTC, taken in the Spring Semester of the first year.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	2981T	Mathematics Tutorial	Tutorial	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 2nd year students.								
A&S	MATH	MATH	3000	History of Mathematics	Lecture	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	Lecture	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	3060	Introduction to Mathematical Reasoning, Problem Solving, and Proof	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302								
		COURSE DESC:		An introduction to mathematical reasoning, problem solving, and proof. The main topics are proof and problem solving techniques, induction, logic, and set theory. Applications to the following topics may be included: number theory, counting, relations, functions, and cardinality.								
A&S	MATH	MATH	3070	Introduction to Number Theory	Lecture	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	Lecture	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	Lecture	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	3200A	Honors Experience in Applied Linear Algebra	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Ohio Honors students and MATH 3200 concurrently NC								
		COURSE DESC:		OHIO Honors curricular experience in Applied Linear Algebra								
A&S	MATH	MATH	3210	Linear Algebra	Lecture	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	Lecture	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.								
A&S	MATH	MATH	3300	Calculus III	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH 2302								
		COURSE DESC:		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	Recitation	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH 2302								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	3320	Vector Analysis	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 3300						
		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.								
A&S	MATH	MATH	3400	Elementary Differential Equations	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH 2302						
		COURSE DESC:		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	3400A	Honors Experience: Elementary Differential Equations	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	MATH 3400 and Ohio Honors NC						
		COURSE DESC:		OHIO Honors curricular experience in Elementary Differential Equations								
A&S	MATH	MATH	3500	Probability	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	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)						
		COURSE DESC:		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	3560	Theory of Interest	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MATH 2302						
		COURSE DESC:		Introduction to the mathematical theory of interest, including material from examinations by the Society of Actuaries and the Casualty Actuarial Society. Financial transactions involving interest, such as measurement of interest, force of interest and annuities-certain.								
A&S	MATH	MATH	3565X	Actuarial Exam Preparation	Laboratory	1	0		I			0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	PR, F						
		COURSE DESC:		This course is intended for Actuarial Science majors to help them prepare for the Society of Actuaries certification exams. Topics may include, but are not limited to: review of the required topics, familiarity with the SOA exams' questions, familiarity with the weights of the required topics in terms of the exam questions, exam preparation strategies, common pitfalls and timing the exam. Students will use in-house developed material/assignments to work on questions from past SOA exams under the supervision of an instructor to increase the chance of passing a SOA exam.								
A&S	MATH	MATH	3600	Applied Numerical Methods	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 3400						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1700 or EE 3713 or MATH 2500 or PBI0 3150 or (PBI0 1140 and PSY 2110)						
		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	3970T	Mathematics Tutorial	Tutorial	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 Fall Semester by 3rd year students.								
A&S	MATH	MATH	3980T	Mathematics Tutorial	Tutorial	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 3rd year.								
A&S	MATH	MATH	4100	Teaching of Mathematics in Secondary School	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 3110 and (4100L concurrent)						
		COURSE DESC:		Selected topics related to teaching of mathematics in grades 7-12								
A&S	MATH	MATH	4100L	Teaching of Mathematics in Secondary School	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 4100 concurrent						
		COURSE DESC:		Early field experience for students in teaching mathematics in secondary schools.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	MATH	MATH	4150	Advanced Perspectives for Math Teachers	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	MATH	MATH	4400	Advanced Differential Equations	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (3200 or 3210)								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3400								
		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.								
A&S	MATH	MATH	4470	Applied Dynamical Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (3200 or 3210)								
		COURSE DESC:		A survey of applied dynamical systems for scientists, engineers and mathematicians with an emphasis on continuous time models.								
A&S	MATH	MATH	4500	Mathematical Statistics I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3500 and (3200 or 3210)								
		COURSE DESC:		A rigorous course in 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	Mathematical Statistics II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500								
		COURSE DESC:		An advanced course in the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.								
A&S	MATH	MATH	4520	Stochastic Processes	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500								
		COURSE DESC:		Markov chains, Poisson process, birth and death process, queuing, and related topics.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	4530	Statistical Computing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500								
		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	4550	Basic Principles of Actuarial Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500 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	4560	Life Contingencies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4550								
		COURSE DESC:		An introduction to the mathematical theory of contingencies, concentrating on models for the actuarial present value of a future set of payments contingent on some random event(s), with applications to life insurance, life annuities, benefit reserves. It includes material from examinations by the Society of Actuaries and the Casualty Actuarial Society.								
A&S	MATH	MATH	4570X	Investment and Financial Markets	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3500 and 3560								
		COURSE DESC:		Introduction to the evaluation of options, futures and other derivatives, as well as interest models and risk management techniques e.g. pricing of guarantees with annuity products, pricing of mortgage guaranty insurance, managing and hedging of insurance risk. Includes material from examinations by the Society of Actuaries (SOA-IFM) and the Casualty Actuarial Society (CAS-3F).								
A&S	MATH	MATH	4590X	Short Term Actuarial Models	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500 & (MATH 4510 concur)								
		COURSE DESC:		Introduction to severity models, frequency models, aggregate models, models selection and characterization and applications to actuarial situations with short term risk. Includes material from examinations by the Society of Actuaries (SOA-STAM).								
A&S	MATH	MATH	4600	Introduction to Numerical Analysis	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 6 hours in MATH 4200-4799 and (Jr or Sr)								
		COURSE DESC:		CR 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	Research	2	4	3; BLD; CAP	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)								
		COURSE DESC:		PR 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								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	4970T	Mathematics Tutorial (thesis)	Tutorial	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 Fall Semester by 4th year students.								
A&S	MATH	MATH	4980T	Mathematics Tutorial (thesis)	Tutorial	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 4th year students.								
A&S	MATH	MATH	4993	Undergraduate Mathematics Seminar I	Seminar	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	Seminar	2	0	3; CAP	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		Early Field Experience 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	Lecture	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.								
A&S	MATH	MATH	5120	College Mathematics Teaching for New	Lecture	2	0		I	G50		0
		ELIGIBLE GRADES:		Teaching Assistants 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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	5210	Linear Algebra	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5310	Complex Variables	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5320	Vector Analysis	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
A&S	MATH	MATH	5330	Hilbert Spaces and Applications	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
A&S	MATH	MATH	5400	Advanced Differential Equations	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		An introduction to the qualitative theory of differential equations, with emphasis on linear systems.								
A&S	MATH	MATH	5410	Fourier Analysis and Partial Differential Equations	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
A&S	MATH	MATH	5470	Applied Dynamical Systems	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A survey of applied dynamical systems for Scientists, Engineers and Mathematicians with an emphasis on continuous time models.								
A&S	MATH	MATH	5500	Mathematical Statistics I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A rigorous course in probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	MATH	MATH	5510	Mathematical Statistics II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5500								
		COURSE DESC:		An advanced course in the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.								
A&S	MATH	MATH	5520	Stochastic Processes	Lecture	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	Lecture	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	Lecture	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	Life Contingencies	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5550								
		COURSE DESC:		An introduction to the mathematical theory of contingencies, concentrating on models for the actuarial present value of a future set of payments contingent on some random event(s), with applications to life insurance, life annuities, benefit reserves. It includes material from examinations by the Society of Actuaries and the Casualty Actuarial Society.								
A&S	MATH	MATH	5570X	Investment and Financial Markets	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to the evaluation of options, futures and other derivatives, as well as interest models and risk management techniques e.g. pricing of guarantees with annuity products, pricing of mortgage guaranty insurance, managing and hedging of insurance risk. Includes material from examinations by the Society of Actuaries (SOA-IFM) and the Casualty Actuarial Society (CAS-3F).								
A&S	MATH	MATH	5590X	Short Term Actuarial Models	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to severity models, frequency models, aggregate models, models selection and characterization and applications to actuarial situations with short term risk. Includes material from examinations by the Society of Actuaries (SOA-STAM).								
A&S	MATH	MATH	5600	Introduction to Numerical Analysis	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	1 to 15	999		N	G50		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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A&S	MATH	MATH	5910	Internship	Internship	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		Internship at an employer outside the university.								
A&S	MATH	MATH	5960	Seminar	Seminar	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		Seminar								
A&S	MATH	MATH	6221	Algebra I	Lecture	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.								
A&S	MATH	MATH	6222	Algebra II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 6221						
		COURSE DESC:		Continuation of Algebra I.								
A&S	MATH	MATH	6231	Coding Theory I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 5230						
		COURSE DESC:		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.								
A&S	MATH	MATH	6232	Coding Theory II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 6231						
		COURSE DESC:		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.								
A&S	MATH	MATH	6301	Analysis I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 5302 or 5700						
		COURSE DESC:		Abstract measure and integration, Lebesgue measure on real line; Lp-spaces; Fubini and Radon-Nikodym theorems; differentiation theory.								
A&S	MATH	MATH	6302	Analysis II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 6301						
		COURSE DESC:		Continuation of Analysis I.								
A&S	MATH	MATH	6310	Complex Analysis	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 5302 or 5310						
		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.								
A&S	MATH	MATH	6320	Functional Analysis	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 6301 and (MATH 5330 or 6302)						
		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.								
A&S	MATH	MATH	6330	Fourier Analysis	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 6301						
		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.								
A&S	MATH	MATH	6400	Ordinary Differential Equations	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 5400 and (MATH 5302 or 5330)						
		COURSE DESC:		A rigorous, proof based course on ordinary differential equations and systems.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	6411	Partial Differential Equations I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MATH 5302 or 5330) and 5400 and 5410								
		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.								
A&S	MATH	MATH	6412	Partial Differential Equations II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 6411								
		COURSE DESC:		Advanced functional analytic methods in partial differential equations								
A&S	MATH	MATH	6420	Calculus of Variations and Optimal Control	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5302 and 5400								
		COURSE DESC:		A basic course in calculus of variations and optimal control of systems governed by differential equations.								
A&S	MATH	MATH	6470	Dynamical Systems	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5400 or 5470								
		COURSE DESC:		An advanced course in dynamical systems with an emphasis on canonical examples and mathematical theory.								
A&S	MATH	MATH	6500	Mathematical Statistics	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5510 and 5302								
		COURSE DESC:		Different types of convergence, consistency, sufficiency and completeness of estimators, theory of hypotheses testing, asymptotic theory.								
A&S	MATH	MATH	6510	Linear Models	Lecture	4	0		N	G50		0
		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.								
A&S	MATH	MATH	6520	Experimental Design	Lecture	4	0		N	G50		0
		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.								
A&S	MATH	MATH	6530	Time Series Analysis	Lecture	4	0		N	G50		0
		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.								
A&S	MATH	MATH	6640	Numerical Analysis: Linear Algebra	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5600								
		COURSE DESC:		In-depth analysis of numerical aspects of problems and algorithms in linear algebra.								
A&S	MATH	MATH	6650	Numerical Analysis: Approximation Methods	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 5600								
		COURSE DESC:		In-depth treatment of numerical approximation techniques, including differentiation and integration.								
A&S	MATH	MATH	6660	Numerical Analysis: Differential Equations	Lecture	4	0		N	G50		0
		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.								
A&S	MATH	MATH	6700	Point Set Topology	Lecture	4	0		N	G50		0
		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.								
A&S	MATH	MATH	6710	Algebraic Topology	Lecture	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	Lecture	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	Lecture	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
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A&S	MATH	MATH	6930	Independent Study	Ind Study	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Independent study of topics under guidance of faculty member. May be repeated for credit.								
A&S	MATH	MATH	6940	Project in Computational Mathematics	Research	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	Research	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	Thesis	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Master level Thesis. May be repeated for credit.								
A&S	MATH	MATH	7000	Topics in the Foundation and History of Mathematics	Lecture	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Selected topics not offered in normal course offerings. May be repeated for credit.								
A&S	MATH	MATH	7010	Topics in Number Theory	Lecture	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Selected topics not offered in normal course offerings. May be repeated for credit.								
A&S	MATH	MATH	7100	Topics in the Teaching of Mathematics	Lecture	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Selected topics not covered in regular course offerings. May be repeated for credit.								
A&S	MATH	MATH	7150	Topics in Geometry	Lecture	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Selected topics not covered in regular course offerings. May be repeated for credit.								
A&S	MATH	MATH	7200	Topics in Algebra	Lecture	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	7300	Topics in Analysis	Lecture	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	7400	Topics in Differential Equations	Lecture	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	7500	Topics in Probability, Statistics, and Stochastic Processes	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	MATH	7700	Topics in Topology	Lecture	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	Lecture	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	Thesis	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	Seminar	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Seminar. May be repeated for credit.								

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

College	Dept	Subj	Cat #	Title	Component	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	6900	Special Topics in Molecular and Cellular Biology	Lecture	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	MCB	MCB	7100	Advances in Signal Transduction	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7200	Molecular Biology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7300	Molecular and Cellular Biology Laboratory	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7410	Seminar in Molecular and Cellular Biology	Seminar	1	999		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7500	Disorders of the Nervous System	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7510	Topics in Molecular and Cellular Biology	Lecture	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	MCB	MCB	7600	Advanced Cell Biology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	1110	Elementary French I	Lecture	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	1 to 2	6		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F,	REQUISITE:	FR 2120						
				CR	COURSE DESC: 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	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F,	REQUISITE:	HTC						
				PR	COURSE DESC: 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	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F,	REQUISITE:	HTC						
				PR	COURSE DESC: 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	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F,	REQUISITE:	HTC						
				PR	COURSE DESC: 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	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F,	REQUISITE:	HTC						
				PR	COURSE DESC: 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	Lecture	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.								
A&S	ML	FR	3120	Advanced Conversation and Composition II	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	3215	French for Business 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	3348	French Civilization and Culture I 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	3349	French Civilization and Culture II 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	3540	Introduction to Reading French Literature 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	3550	Introduction to Prose 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	3560	Introduction to Drama and Poetry ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3540 COURSE DESC: Analysis and discussion of French and/or Francophone plays and poetry from different periods.	Lecture	3	0		N	U30		0
A&S	ML	FR	3910	Internship in French ELIGIBLE GRADES: GEC6: CR, PR, F REQUISITE: Permission required COURSE DESC: Practice using the language in a work environment. Does not count for major.	Internship	1 to 4	8	BLD	I	U30		0
A&S	ML	FR	3970T	French Tutorial ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: HTC COURSE DESC: 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.	Tutorial	1 to 15	15		N	U30		0
A&S	ML	FR	3980T	French Tutorial ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: HTC COURSE DESC: Students will continue research thesis topic and explore related interdisciplinary areas. Field work may be required. Topics will vary.	Tutorial	1 to 15	15		N	U30		0
A&S	ML	FR	4334	French Through Film 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.	Lecture	3	0		N	U30		0
A&S	ML	FR	4437	Applied Phonetics ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.	Lecture	3	0		N	U30		0
A&S	ML	FR	4439	Modern French Usage ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120 COURSE DESC: Study French syntax and semantics. Fine points of grammar. Practice in composition.	Lecture	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	4441	Stylistics and Criticism	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Hebert, 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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	4518	Prose Fiction of the 19th Century	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	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	Tutorial	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC								
				COURSE DESC: This 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	Tutorial	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	Lecture	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	FR	5120	French for Graduate Reading Requirements II	Lecture	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	FR	5210	French for Graduate Reading Requirements III	Lecture	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 intermediate 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5220	French for Graduate Reading Requirements IV	Lecture	1 to 3	8		N	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
			COURSE DESC:	Part of a two-semester, second-year language sequence for graduate students. Emphasis is on intermediate 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	FR	5310	French for Graduate Reading Requirements V	Lecture	1 to 3	15		N	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
			COURSE DESC:	Part of a two-semester, third-year language sequence for graduate students. Emphasis is on advanced development of reading, listening comprehension, speaking, and writing skills, along with higher-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	FR	5320	French for Graduate Reading Requirements VI	Lecture	1 to 3	15		N	G40		0
			ELIGIBLE GRADES:	GEC5: CR, REQUISITE:								
			COURSE DESC:	Part of a two-semester, third-year language sequence for graduate students. Emphasis is on advanced development of reading, listening comprehension, speaking, and writing skills, along with higher-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	FR	5360	Civilization and Culture	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Social, political, and cultural study of France and/or Francophone countries.								
A&S	ML	FR	5437	Applied Phonetics	Lecture	4	0		N	G40		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	5439	Modern French Usage	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Study French syntax and semantics. Fine points of grammar. Practice in composition.								
A&S	ML	FR	5441	Stylistics and Criticism	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Figures of literary style. Explication de texte. Study of French prosody. Literary theory.								
A&S	ML	FR	5502	16th-Century French Literature	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Survey of major 16th-century French writers.								
A&S	ML	FR	5503	17th-Century French Literature	Lecture	4	8		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Survey of major 17th-century French writers. All readings, discussion, and papers in French.								
A&S	ML	FR	5504	18th-Century French Literature	Lecture	4	8		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	Survey of major 18th-century French writers. All readings, discussion, and papers in French.								
A&S	ML	FR	5505	19th-Century French Literature	Lecture	4	8		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	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	Lecture	4	8		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			COURSE DESC:	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	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC1: A-F REQUISITE:								
			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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5512	Francophone Literature and Culture of the Americas GEC1: A-F REQUISITE: 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 (but are not limited to) Anne Hebert, 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5514	Early Modern Non-Fiction Prose: 16th-18th-Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5515	Early Modern Poetry: 16th-18th- Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5516	Prose Fiction of the 17th and 18th- Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5517	Drama of the 17th and 18th Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5518	Prose Fiction of the 19th- Century GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5519	Poetry of the 19th- and 20th- Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5520	Drama of the 19th- and 20th- Centuries GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5521	Prose Fiction of the 20th- Century GEC1: A-F REQUISITE: 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.	Lecture	4	8		N	G40		0
A&S	ML	FR	5640	Theory of Teaching French GEC1: A-F REQUISITE: 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).	Lecture	4	0		N	G40		0
A&S	ML	FR	5810	French for Graduates: Reading I GEC3: A-F, REQUISITE: COURSE DESC: CR 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.	Lecture	4	0		N	G40		0
A&S	ML	FR	5820	French for Graduates: Reading II GEC3: A-F, REQUISITE: COURSE DESC: CR 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.	Lecture	4	0		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	FR	5900	Special Topics	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.								
A&S	ML	FR	5940	Graduate Study Abroad	Research	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	FR	6900	Special Topics in French	Lecture	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	FR	6902	Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	Practicum	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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 Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Supervised research projects.								
A&S	ML	FR	6940	Directed Readings in French Language, Literature, and Culture	Research	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Supervised reading in selected areas for students preparing for comprehensive exams. Final grade is recorded when departmental comprehensive examination has been taken.								
A&S	ML	FR	6950	Thesis	Thesis	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	Lecture	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 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	1110A	Honors Experience: Elementary German I	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: GER 1110 concurrent and student in the OHIO Honors program								
		COURSE DESC:		NC OHIO Honors curricular experience in Elementary German I.								
A&S	ML	GER	1120	Elementary German II	Lecture	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	1120A	Honors Experience: Elementary German II	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: GER 1120 concurrent and student in the OHIO Honors program								
		COURSE DESC:		NC OHIO Honors curricular experience in Elementary German II.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	GER	2110	Intermediate German I	Lecture	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	Lecture	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	Seminar	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	Lecture	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	GER	2930	Independent Study in German	Ind Study	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	ML	GER	3348	German Culture and Civilization	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	GER	3910	Internship in German	Internship	1 to 4	8	BLD	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	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.								
A&S	ML	GER	5110	German for Graduate Reading Requirements I	Lecture	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 D- level or above. Work below that level will receive an F.								
A&S	ML	GER	5120	German for Graduate Reading Requirements II	Lecture	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 D- level or above. Work below that level will receive an F.								
A&S	ML	GER	5210	German for Graduate Reading Requirements III	Lecture	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 "D-" level or above. Work below that level will receive an F.								
A&S	ML	GER	5220	German for Graduate Reading Requirements IV	Lecture	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 "D-" level or above. Work below that level will receive an F.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	GER	5310	German for Graduate Reading Requirements V	Lecture	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	Lecture	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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: GER 5810								
		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	Lecture	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	2502	The Inferno: Dante and His Times	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A study of a controversial and resonant creation of Western literature: the first of Dante Alighieri's tripart Divine Comedy, The Inferno. Dante's medieval masterpiece relates his epic journey through the afterlife, spanning the entire cosmos. Dante's multiple-leveled Hell is located in the center of the earth and peopled with demons, his political enemies and contemporaries. Students "pass through" the afterlife, participating in it, thus fulfilling the poet's original intent in writing his blockbuster poem. They wrestle with timeless questions about culture, right and wrong behavior, the nature of evil, the possibility for spiritual improvement, and the experience of true happiness. The turbulent world of Dante's medieval Florence has surprising parallels with our own time, including runaway inflation, personal and political accountability, the breakdown of family values, and self-indulgence.								
A&S	ML	ILML	2900	Special Topics in International Literature - Modern Languages	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	ILML	2905	German Literature in English	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Survey of masterpieces of German literature, presented in English. No knowledge of German necessary.								
A&S	ML	ILML	2906	Russian Literature in English	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Study the literature of the Caribbean in English translation. No knowledge of foreign languages required.								
A&S	ML	ITAL	1110	Elementary Italian I	Lecture	4	0	2CP	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				WARNING: No credit for this course if taken after the followin: ITAL 1120 or ITAL 2000 or 3000 level course								
				Beginning course of first-year sequence.								
A&S	ML	ITAL	1120	Elementary Italian II	Lecture	4	0	2CP	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				Second course of two semester first-year sequence.								
A&S	ML	ITAL	2110	Intermediate Italian I	Lecture	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				First course of intermediate-level sequence.								
A&S	ML	ITAL	2120	Intermediate Italian II	Lecture	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C- or better in ITAL 2110 and WARNING: No credit for this course if taken after the following: ITAL course at 3000 level								
				Second course of intermediate-level sequence.								
A&S	ML	ITAL	2900	Special Topics in Italian	Lecture	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 Study	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE:								
				CR								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ITAL 2120								
				First course of advanced level sequence.								
A&S	ML	ITAL	3120	Advanced Conversation and Composition II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ITAL 3110								
				Second course of advanced level sequence.								
A&S	ML	ITAL	3348	Italian Civilization and Culture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ITAL 3120								
				Study of Italian culture and civilization topics.								
A&S	ML	ITAL	3910	Internship in Italian	Internship	1 to 4	8	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
				REQUISITE:								
				PR, F								
		COURSE DESC:		Permission required								
				Practice using the language in a work environment. Does not count for major.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	ITAL	4900	Special Topics in Italian	Lecture	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	5110	Italian for Graduate Reading Requirement I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Research	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	ML	2338	German Film and Culture	Lecture	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	Seminar	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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR 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	Lecture	1 to 2	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR Prepares students to study abroad in Italy. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.								
A&S	ML	ML	2701	Introduction to Latinx Studies	Lecture	3	0	ACNW; FIE	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: This course introduces current topics affecting the Latinx communities both in the United States and globally. This interdisciplinary course covers topics such as the vitality of the Spanish language, immigration laws, Hispanic or Latinx identity, acculturation versus assimilation, Spanglish, and inclusive language. Students learn strategies to express and discuss ideas and opinions verbally and in writing, to apply critical thinking and teamwork skills to discern, engage and actively participate in decision-making activities affecting communities, and to ultimately become informed citizens.								
A&S	ML	ML	2900	Special Topics in Modern Languages	Lecture	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	ML	2950	Field Studies Abroad	Laboratory	1 to 3	9	BLD	I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Permission required								
				COURSE DESC: CR Designed to introduce participants in various study abroad programs to various aspects of life in target country.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	ML	3210J	Writing in Two Languages	Lecture	3	0	1J; FAW	N	U30		0
		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.								
A&S	ML	ML	3270J	Translation as Writing	Lecture	3	0	1J; FAW	N	U30		0
		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.								
A&S	ML	ML	3271	Technology in Translation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ML 3270J						
		COURSE DESC:		Students acquire an understanding of the concepts involving technology in translation, such as machine translation, globalization, internationalization, localization, and audiovisual translation. They analyze the roles of language professionals in this growing industry and the qualities of a good translator, in order to create an effective CV and cover letter to market themselves. Class time is devoted to discussions, group work and hands-on project-based tasks applying professional software for translators. This includes translations of technical, legal and medical texts. Students have the possibility of becoming certified in a Computer-Assisted Translation (CAT) tool at no cost through our academic program partnership.								
A&S	ML	ML	3280J	Translation as Writing: Spanish to English	Lecture	3	0	1J; FAW	N	U30		0
		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.								
A&S	ML	ML	4130	Self Without Borders: Culture, Identity and You	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Senior						
		COURSE DESC:		An exploration of differing cultural perspectives from multiple historical periods and related to various regions of the world through literature, journalistic prose, film, art, and music.								
A&S	ML	ML	4610	Technology in Language Teaching	Lecture	3	0		N	U30		0
		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.								
A&S	ML	ML	4630	Video in Foreign Language Teaching	Lecture	3	0		N	U30		0
		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.								
A&S	ML	ML	4635	Teaching Foreign Languages in the Elementary School	Lecture	3	0		N	U30		0
		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.								
A&S	ML	ML	4645	Teaching of Modern Foreign Languages	Lecture	3	0		N	U30		0
		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.								
A&S	ML	ML	4900	Special Topics	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Topic varies.								
A&S	ML	ML	5610	Technology in Language Teaching	Lecture	4	8		N	G40		0
		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.								
A&S	ML	ML	5630	Video in Foreign Language Teaching	Lecture	4	8		N	G40		0
		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.								

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

College	Dept	Subj	Cat #	Title	Component	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Internship	1 to 4	8	BLD	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	Lecture	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	Lecture	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	Lecture	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 Study	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.								
A&S	ML	PORT	5110	Portuguese I	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Continuation of Portuguese I. (See Portuguese I for description.)								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	PORT	5180	Portuguese III	Lecture	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	Lecture	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	Lecture	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	Research	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	Lecture	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	Lecture	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	Lecture	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 Study	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	RUS	2930	Independent Study in Russian	Ind Study	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: RUS 2120								
		COURSE DESC:		CR 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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	ML	RUS	3550	Introduction to Russian Literature I	Lecture	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	Lecture	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	Internship	1 to 4	8	BLD	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	RUS	4930	Independent Study in Russian	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 8 Hours in RUS at 3000 level CR								
		COURSE DESC:		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	Lecture	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	RUS	5120	Russian for Graduate Reading Requirements II	Lecture	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	RUS	5210	Russian for Graduate Reading Requirements III	Lecture	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	RUS	5220	Russian for Graduate Reading Requirements IV	Lecture	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	RUS	5310	Russian for Graduate Reading Requirements V	Lecture	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	RUS	5320	Russian for Graduate Reading Requirements VI	Lecture	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	RUS	5900	Special Topics	Lecture	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. May be repeated when subject is changed.								
A&S	ML	SPAN	1110	Elementary Spanish I	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for this course if taken after the following: SPAN 1120 or 1199 or 2XXX or 3XXX or 4XXX								
		COURSE DESC:		Developing proficiency in listening, reading, speaking, and writing essential to interactive language use. First course in beginning Spanish sequence. No credit if 1199.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	1120	Elementary Spanish II	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Spanish placement level 1120 or C- or better in SPAN 1110) and WARNING: No credit for this course if taken after the following: SPAN 1199 or above (does not count toward Tier II CP)						
		COURSE DESC:		Developing proficiency in listening, reading, speaking, and writing essential to interactive language use. Second course in beginning Spanish sequence. No credit if 1199.								
A&S	ML	SPAN	1199	Spanish for Review	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Spanish placement level 1199 and WARNING: No credit for this course if taken after the following: any SPAN course taken						
		COURSE DESC:		Preparation for SPAN 2110 for students with some high school Spanish. Review of grammar and vocabulary with intensive practice in adaptation to college-level expectations and instructional techniques. Emphasis on all four skills: speaking, listening, reading, and writing. Does not satisfy language or humanities requirements.								
A&S	ML	SPAN	2110	Intermediate Spanish I	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Spanish placement level 2110 or C- or better in (SPAN 1120 or 1199))and WARNING: No credit for this course if taken after the following: above SPAN 2120 level course						
		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 Spanish speakers around the world. First course in second-year sequence.								
A&S	ML	SPAN	2120	Intermediate Spanish II	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Spanish placement level 2120 or C- or better in SPAN 2110 and WARNING: No credit for this course if taken after the following: Any SPAN 3000 level course						
		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	Lecture	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 Study	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	SPAN 2120						
		COURSE DESC:		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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	3110A	Honors Experience in Advanced Composition and Conversation I	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: Ohio Honors student and SPAN 3110 concurrently NC								
		COURSE DESC:		Honors curricular experience in Advanced Composition and Conversation I								
A&S	ML	SPAN	3120	Advanced Conversation and Composition II	Lecture	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	Lecture	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	Lecture	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.								
A&S	ML	SPAN	3310	Mayan Civilization and Culture	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	3550A	Honors Experience: Intro to Hispanic Literature	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: SPAN 3550 concurrent and student in the OHIO Honors program NC								
		COURSE DESC:		OHIO Honors curricular experience in Introduction to Hispanic Literature								
A&S	ML	SPAN	3910	Internship in Spanish	Internship	1 to 4	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Practice using the language in a work environment. Does not count for major. Proposals must be submitted beginning of semester prior to internship.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	3970T	Spanish Tutorial	Tutorial	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	Tutorial	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	Lecture	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	4436	Spanish Pragmatics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460								
		COURSE DESC:		Pragmatics is a field of linguistics which investigates the interpretation of meaning in contexts. It examines and theorizes about how speakers use language to communicate in social interactions. After a general introduction to pragmatics, students explore relevant basic concepts, then delve into current theories in the field. These include pragmatic theories on implicatures (the implied or suggested meaning), speech acts, principles of cooperation, politeness, and pragmatic variation. Next, conversations in Spanish are analyzed to connect theory to practice. The goal is to offer students an overview of topics in current pragmatic theory with a focus on Spanish, to teach them methods of analyzing and observing pragmatics in everyday Spanish conversations, and to apply the pragmatics of Spanish to improve their own Spanish conversation skills. Students develop proficiency in reading and summarizing scientific articles in pragmatics, and are thereby prepared for advanced studies in Hispanic Linguistics.								
A&S	ML	SPAN	4437	Applied Phonetics	Lecture	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460								
		COURSE DESC:		The grammatical structure of modern Spanish.								
A&S	ML	SPAN	4441	Stylistics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460								
		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	4457	History of the Spanish Language	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3460								
		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	4513	Survey of Spanish American Literature I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3550								
		COURSE DESC:		Main movements of Spanish American literature from colonial period to Modernismo.								
A&S	ML	SPAN	4514	Survey of Spanish American Literature II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3550 or 354 or 356								
		COURSE DESC:		Continuation of 4513. Main movements of Spanish American literature from Modernismo to contemporary period.								
A&S	ML	SPAN	4517	Themes from Spanish American Prose	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3550								
		COURSE DESC:		Selected works of Spanish American prose. Content varies.								
A&S	ML	SPAN	4518	Contemporary Spanish American Literature	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SPAN 3550								
		COURSE DESC:		Selected works of contemporary poetry, prose, essay and/or drama. Selection varies.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	4555	Medieval and Golden Age Spanish Literature	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		COURSE DESC:		The literature of medieval, Renaissance and baroque Spain.								
A&S	ML	SPAN	4558	Don Quijote de la Mancha	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		COURSE DESC:		Intensive study of part one and part two of Cervantes's novel.								
A&S	ML	SPAN	4560	19th-Century Spanish Literature - 1800-1898	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		COURSE DESC:		Romanticismo, costumbrismo, realismo and other movements in drama, essay, narrative fiction and poetry.								
A&S	ML	SPAN	4565	20th-Century Spanish Literature	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		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	4568	Film and Literature of the Franco Era	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		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	4570	Contemporary Spanish Literature	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3550						
		COURSE DESC:		Analysis of selected contemporary Spanish poetry, prose fiction and/or drama.								
A&S	ML	SPAN	4640	Teaching Spanish: Theory and Methodology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SPAN 3120 or 3215						
		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.								
A&S	ML	SPAN	4900	Special Topics	Lecture	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	Internship	1 to 4	8	BLD	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 Study	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	Tutorial	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	Tutorial	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5110	Spanish for Graduate Reading Requirements I	Lecture	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	SPAN	5120	Spanish for Graduate Reading Requirements II	Lecture	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	SPAN	5210	Spanish for Graduate Reading Requirements II	Lecture	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	SPAN	5220	Spanish for Graduate Reading Requirements IV	Lecture	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	SPAN	5310	Spanish for Graduate Reading Requirements V	Lecture	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	SPAN	5320	Spanish for Graduate Reading Requirements VI	Lecture	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	SPAN	5348	Spanish Civilization and Culture	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5436	Spanish Pragmatics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Pragmatics is a field of linguistics which investigates the interpretation of meaning in contexts. It examines and theorizes about how speakers use language to communicate in social interactions. After a general introduction to pragmatics, students explore relevant basic concepts, then delve into current theories in the field. These include pragmatic theories on implicatures (the implied or suggested meaning), speech acts, principles of cooperation, politeness, and pragmatic variation. Next, conversations in Spanish are analyzed to connect theory to practice. The goal is to offer students an overview of topics in current pragmatic theory with a focus on Spanish, to teach them methods of analyzing and observing pragmatics in everyday Spanish conversations, and to apply the pragmatics of Spanish to improve their own Spanish conversation skills. Students develop proficiency in reading and summarizing scientific articles in pragmatics, and are thereby prepared for advanced studies in Hispanic Linguistics.								
A&S	ML	SPAN	5437	Applied Phonetics	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Systematic description of the sound system of Spanish.								
A&S	ML	SPAN	5438	Hispanic Dialectology and Sociolinguistics	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The grammatical structure of modern Spanish.								
A&S	ML	SPAN	5441	Stylistics	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An introduction to the scientific study of the Spanish Language.								
A&S	ML	SPAN	5513	Survey of Spanish American Literature I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Selected poetry, prose and drama from the 11th through 15th centuries.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	5558	Don Quijote de la Mancha	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	ML	SPAN	5810	Spanish for Graduates: Reading I	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	SPAN 5810						
		COURSE DESC:		CR	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	Lecture	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	ML	SPAN	5940	Graduate Study in Spain or Latin America	Research	1 to 4	24		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	1 to 15	999		N	G40		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	SPAN	6902	Seminar ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	4	12		N	G40		0
A&S	ML	SPAN	6920	Problems in Teaching College Spanish ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Provides guidance for teaching associates in first year of instructing college students in beginning language course.	Practicum	1	3		N	G40		0
A&S	ML	SPAN	6930	Independent Study in Spanish ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Supervised research projects.	Ind Study	1 to 4	8		N	G40		0
A&S	ML	SPAN	6940	Directed Readings in Spanish Language, Literature, and Culture ELIGIBLE GRADES: GEC6: CR, PR, F COURSE DESC: Supervised reading in selected areas for students preparing for comprehensive exams.	Research	4	24		I	G40		0
A&S	ML	SPAN	6950	Thesis ELIGIBLE GRADES: GEC2: A-F, PR COURSE DESC: Topic determined in consultation with thesis advisor. Follow guidelines in Spanish MA Handbook.	Thesis	.5 to 4	4		I	G40		0
A&S	ML	T3	4120	Cross-Cultural Studies in Modern Languages ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0	3	N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D100	Foundations in English CORE Skills	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D202	Elementary Reading/Writing	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D402	High-Intermediate Reading/Vocabulary	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D704	Native Americans of the U.S.	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D710	Stories in the News	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D802	Reading for Academic Purposes	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	D808	Issues Through Film	Lecture	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	Lecture	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	Lecture	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5100D	Foundations in English CORE Skills	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5400D	High-Intermediate Core Skills	Lecture	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. 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	Lecture	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 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	Lecture	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 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	Lecture	9	54		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:		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	Lecture	9	54		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:		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	Lecture	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		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	5702D	Advanced Reading Skills	Lecture	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:		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	Lecture	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	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.	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5714D	Adventures in Mythology	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	OPIE	5809D	Reading and Writing about Literature	Lecture	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	Lecture	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	Lecture	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	BIOL	1010	Principles of Biology	Laboratory	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors and WARNING: no credit for this course if taken after BIOS 1700 or PBIO 1140 or 1150						
		COURSE DESC:		Non-science majors explore living organisms from the cellular to ecosystem levels, using scientific information and laboratory exercises to understand historic discovery and contemporary issues in biology and evolutionary processes. No credit for 1010 if already have credit for BIOS 1700, PBIO 1140 or PBIO 1150.								
A&S	PBIO	BIOL	1010	Principles of Biology	Lecture	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors and WARNING: no credit for this course if taken after BIOS 1700 or PBIO 1140 or 1150						
		COURSE DESC:		Non-science majors explore living organisms from the cellular to ecosystem levels, using scientific information and laboratory exercises to understand historic discovery and contemporary issues in biology and evolutionary processes. No credit for 1010 if already have credit for BIOS 1700, PBIO 1140 or PBIO 1150.								
A&S	PBIO	BIOL	2900	Special Topics in Biology	Lecture	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	PBIO	PBIO	1000	Plants and the Global Environment	Lecture	3	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-science majors						
		COURSE DESC:		Students examine the importance of plants in providing global resources for humans and the impact of human activity on the sustainability of these resources. We evaluate the value of laws and policies in protecting plant resources and mitigating climate change. Non-science majors course.								
A&S	PBIO	PBIO	1000L	Plants and the Global Environment Laboratory	Laboratory	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	Laboratory	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	Lecture	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	Lecture	3	0	2AS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Non-science majors explore the diversity of plant products and services that people around the world need and enjoy. We examine how plants grow and reproduce, the variety of ways people have used and altered plants throughout history, and modern issues involving plant resources, conservation and climate change.								
A&S	PBIO	PBIO	1090	Americans and their Forests: Ecology, Conservation and History	Lecture	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	Laboratory	4	0	2NS; ANW	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.								
A&S	PBIO	PBIO	1140	Foundations of Plant Biology	Lecture	4	0	2NS; ANW	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.								
A&S	PBIO	PBIO	1150	Plant Structure and Development	Laboratory	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	1150	Plant Structure and Development	Lecture	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2AS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Laboratory with activities related to principles and content of PBIO 2010 lectures.								
A&S	PBIO	PBIO	2050	Biotechnology: From the Lab to Daily Life	Lecture	3	0	2AS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Laboratory	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	1	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR A seminar/discussion course focuses on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course introduces the topic of bioinformatics and explores the educational and job opportunities in the field.								
A&S	PBIO	PBIO	2170	Women in Science	Lecture	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students explore the lives, discoveries and challenges of women in STEM (science, technology, engineering and math) throughout history into the modern era, across a variety of disciplines. We evaluate policies, laws and other strategies that advance equity in opportunities and recognition for women in science worldwide. No majors credit; Does not satisfy Arts and Science: Natural Science distribution requirement.								
A&S	PBIO	PBIO	2180	Introduction to Biological Research and Writing	Laboratory	3	0	2AS; FAW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		BIOS 1700 or PBIO 1140 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	Lecture	3	0	2AS; FAW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		BIOS 1700 or PBIO 1140 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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	2200	Woody Plants	Lecture	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	Laboratory	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	Lecture	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	Lecture	3	0	2NS; PNS	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.								
A&S	PBIO	PBIO	2480	Dendrology: A Study of Trees, Shrubs, and Lianas	Lecture	3	0	PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			PBIO 1150 or BIOS 1710 or GEOG 1100				
		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.								
A&S	PBIO	PBIO	2840	Introduction to Global Studies in Plant Biology seminar	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	PBIO	PBIO	2900	Special Topics in Plant Biology	Seminar	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			CR, PR				
		COURSE DESC:		Discussion of current and/or special topics in plant biology.								
A&S	PBIO	PBIO	2970T	Plant Biology Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			HTC				
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	PBIO	2971T	Plant Biology Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			HTC				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	PBIO	2980T	Plant Biology Tutorial	Tutorial	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			PBIO 2970T				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	PBIO	2981T	Plant Biology Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			HTC				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	PBIO	3010	Lab in Cell and Molecular Plant Physiology	Laboratory	2	0		N	U30		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	3010	Lab in Cell and Molecular Plant Physiology	Lecture	2	0		N	U30		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	3020	Soil Microbial Analysis Lab	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 1520 is required and (P BIO 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.								
A&S	PBIO	PBIO	3030	Medicinal Plants of Ohio	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		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.								
A&S	PBIO	PBIO	3050	Plant Propagation	Laboratory	3	0		N	U30		0
		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.								
A&S	PBIO	PBIO	3050	Plant Propagation	Lecture	3	0		N	U30		0
		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.								
A&S	PBIO	PBIO	3080	Structural Botany	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	P BIO 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.								
A&S	PBIO	PBIO	3080	Structural Botany	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	P BIO 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.								
A&S	PBIO	PBIO	3100	Biology of Fungi	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	P BIO 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.								
A&S	PBIO	PBIO	3100	Biology of Fungi	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	P BIO 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.								
A&S	PBIO	PBIO	3140	Exploring Bioinformatics Seminar	Seminar	1	6	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	P BIO 2140						
		COURSE DESC:		CR 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	15 Hours in PBIO						
		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: Computer lab in data analysis, statistics, and graphics. 3 lec. 2 lab								
A&S	PBIO	PBIO	3150	Statistical Methods in Plant Biology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	15 Hours in PBIO						
		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: Computer lab in data analysis, statistics, and graphics. 3 lec. 2 lab								
A&S	PBIO	PBIO	3160	Horticultural Management and Techniques	Laboratory	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	P BIO 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								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	3220	Tropical Plant Ecology	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3750 or GEOG 3160 or PBIO 2090						
		COURSE DESC:		Tropical rain forest 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	3240	Plant Physiology	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	3300	Plant Genetics	Lecture	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	Laboratory	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	Lecture	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2200 or GEOG 2400 or GEOL 2150 or PBIO 2090						
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course discusses several scales of restoration (organism to landscape), but emphasis is on a holistic approach to terrestrial ecosystem restoration.								
A&S	PBIO	PBIO	3330	Restoration Ecology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2200 or GEOG 2400 or GEOL 2150 or PBIO 2090						
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course discusses several scales of restoration (organism to landscape), but emphasis is on a holistic approach to terrestrial ecosystem restoration.								
A&S	PBIO	PBIO	3400	Development and Evolution of Land Plants	Laboratory	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	3935H	Thesis Development	Ind Study	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	PBIO	3980T	Plant Biology Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	PBIO	4090	Plant Systematics and Survey of Vascular Plant Families	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150						
		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	4090	Plant Systematics and Survey of Vascular Plant Families	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150						
		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	4095	Field Studies in Plant Diversity	Laboratory	3 to 6	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PBIO 2090 and (3190 or 4090) or concurrent)						
		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	4095	Field Studies in Plant Diversity	Lecture	3 to 6	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PBIO 2090 and (3190 or 4090) or concurrent)						
		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	4120	Plant Pathology	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 1150						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 3100 or PBIO 3300) and (EE 3713 or MATH 2500 or PBIO 3150 or PSY 2110)						
		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	4170	Biological Research and Science Ethics	Seminar	1	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course presents 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	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	15 Hours in BIOS or PBIO and (Jr or Sr)						
		COURSE DESC:		Readings from the current scientific literature provide the basis for students to gain the fundamentals of professional writing in the sciences while writing, reviewing and revising documents needed for successful written communication in graduate school or an academic career in the sciences.								
A&S	PBIO	PBIO	4181J	Writing for Biologists	Lecture	3	0	1J; FAW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	15 Hours in BIOS or PBIO and (Jr or Sr)						
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	4200	Phycology: The Study of Algae	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		The course includes 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 and the role of algae in aquatic and terrestrial ecosystems.								
A&S	PBIO	PBIO	4200	Phycology: The Study of Algae	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		The course includes 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 and the role of algae in aquatic and terrestrial ecosystems.								
A&S	PBIO	PBIO	4270	Molecular Genetics	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 1700 or PBIO 1140							
				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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 3100 or PBIO 3300							
				Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, protein and RNA analyses.								
A&S	PBIO	PBIO	4280	Laboratory in Genomics Techniques	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 3100 or PBIO 3300							
				Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, protein and RNA analyses.								
A&S	PBIO	PBIO	4310	Plant Cell Biology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 1700 or PBIO 1140							
				Structure and function of cells, organelles, and cellular inclusions.								
A&S	PBIO	PBIO	4350	Plant Population Biology and Community Ecology	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090							
				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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 3750 or GEOG 4170 or PBIO 2090							
				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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	(CHEM 1220 or 1520) and (BIOS 3750 or GEOG 1100 or PBIO 2090)							
				This course covers the fundamental principles and concepts of soil and ecosystem ecology. The course will provide a foundation on the physical and chemical environment (i.e. soils) that mediates plant function. We then cover basic concepts in ecosystem ecology followed by the mechanisms (via biogeochemistry and ecological stoichiometry) that drive or limit ecosystem function, including temporal and spatial patterns. We will then integrate this information at several scales and discuss consequences of ecosystem function on human wellbeing. The lab portion will integrate concepts discussed in lecture, but emphasize analyzing soil and vegetation for metrics of ecosystem function. Data from the lab will be analyzed to investigate the influence of soil and plants on ecosystem-level processes.								
A&S	PBIO	PBIO	4380	Soil Properties and Ecosystem Processes	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	(CHEM 1220 or 1520) and (BIOS 3750 or GEOG 1100 or PBIO 2090)							
				This course covers the fundamental principles and concepts of soil and ecosystem ecology. The course will provide a foundation on the physical and chemical environment (i.e. soils) that mediates plant function. We then cover basic concepts in ecosystem ecology followed by the mechanisms (via biogeochemistry and ecological stoichiometry) that drive or limit ecosystem function, including temporal and spatial patterns. We will then integrate this information at several scales and discuss consequences of ecosystem function on human wellbeing. The lab portion will integrate concepts discussed in lecture, but emphasize analyzing soil and vegetation for metrics of ecosystem function. Data from the lab will be analyzed to investigate the influence of soil and plants on ecosystem-level processes.								
A&S	PBIO	PBIO	4420	Experimental Anatomy of Plant Development	Laboratory	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	PBIO 1140 and PBIO 1150 and Sr. standing							
				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	Lecture	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	PBIO 1140 and PBIO 1150 and Sr. standing							
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	BIOS 1700 or PBIO 1140							
				Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussions of current experimentation and progress in these fields as well as ethical considerations of this research.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	4501	The Principles of Brewing Science	Laboratory	3	0	3; CAP	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.								
A&S	PBIO	PBIO	4501	The Principles of Brewing Science	Lecture	3	0	3; CAP	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.								
A&S	PBIO	PBIO	4750	Plant Population Genetics and Speciation	Lecture	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	Laboratory	3 to 6	0	3; CAP	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	Lecture	3 to 6	0	3; CAP	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	Lecture	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	PBIO	PBIO	4910	Internship	Internship	1 to 15	15	BLD	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	Research	1 to 4	20	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	12 Hours in PBIO and (Jr or Sr)						
		COURSE DESC:		Students perform original research in a research laboratory or field site in collaboration with a faculty advisor.								
A&S	PBIO	PBIO	4941	Undergraduate Research/Written Presentation	Research	3	0	3; BLD; CAP	I	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 is done under the supervision of a faculty member.								
A&S	PBIO	PBIO	4945H	Thesis	Research	2 to 4	4	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Previous research experience (PBIO 4940), 18 credit hours in PBIO courses, and Sr status						
		COURSE DESC:		Preparation of an honors thesis based on original research.								

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A&S	PBIO	PBIO	4970T	Plant Biology Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	PBIO	4980T	Plant Biology Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 4970T						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	PBIO	5010	Lab in Cell and Molecular Plant Physiology	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Structural Botany	Laboratory	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. 2 lec, 4 lab.								
A&S	PBIO	PBIO	5080	Structural Botany	Lecture	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. 2 lec, 4 lab.								
A&S	PBIO	PBIO	5090	Plant Systematics and Survey of Vascular Plant Families	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5100	Biology of Fungi ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology ELIGIBLE GRADES: GEC1: A-F 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: Computer lab in data analysis, statistics, and graphics. 3 lec. 2 lab	Laboratory	4	0		N	G50		0
A&S	PBIO	PBIO	5150	Statistical Methods in Plant Biology ELIGIBLE GRADES: GEC1: A-F 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: Computer lab in data analysis, statistics, and graphics. 3 lec. 2 lab	Lecture	4	0		N	G50		0
A&S	PBIO	PBIO	5160	Problem Solving with Bioinformatics Tools ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0
A&S	PBIO	PBIO	5170	Biological Research and Science Ethics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course presents 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.	Seminar	1	0		N	G50		0
A&S	PBIO	PBIO	5180	Writing in the Life Sciences ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Readings from the current scientific literature provide the basis for students to gain the fundamentals of professional writing in the sciences while writing, reviewing and revising documents needed for successful written communication in graduate school or an academic career in the sciences.	Lecture	3	0		N	G50		0
A&S	PBIO	PBIO	5190	Ohio Flora ELIGIBLE GRADES: GEC2: A-F, PR 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	Laboratory	3	0		N	G50		0
A&S	PBIO	PBIO	5200	Phycology: the study of algae ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course includes 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 and the role of algae in aquatic and terrestrial ecosystems.	Laboratory	4	0		N	G50		0
A&S	PBIO	PBIO	5200	Phycology: the study of algae ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course includes 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 and the role of algae in aquatic and terrestrial ecosystems.	Lecture	4	0		N	G50		0
A&S	PBIO	PBIO	5220	Tropical Plant Ecology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Tropical rain forest studies around the world, including basic plant ecology, biogeography, growth forms and life histories, plant/animal interactions, human impacts, conservation and management.	Lecture	3	0	Graduate Standing	N	G50		0
A&S	PBIO	PBIO	5240	Plant Physiology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.	Laboratory	3	0		N	G50		0
A&S	PBIO	PBIO	5240	Plant Physiology ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.	Lecture	3	0		N	G50		0
A&S	PBIO	PBIO	5260	Physiological Plant Ecology ELIGIBLE GRADES: GEC1: A-F 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.	Laboratory	4	0		N	G50		0
A&S	PBIO	PBIO	5260	Physiological Plant Ecology ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	4	0		N	G50		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5270	Molecular Genetics	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5280	Laboratory in Genomics Techniques	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, protein and RNA analyses.								
A&S	PBIO	PBIO	5280	Laboratory in Genomics Techniques	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, protein and RNA analyses.								
A&S	PBIO	PBIO	5300	Plant Genetics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Basic principles of genetics as they relate to plants, including transmission, expression, and evolution of genetic materials.								
A&S	PBIO	PBIO	5310	Cell Biology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Biochemical, cytochemical, and ultrastructural aspects of the nucleus and cytoplasmic organelles, and cellular communication.								
A&S	PBIO	PBIO	5330	Restoration Ecology	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Understand the philosophies, challenges, principles, and methods of ecological restoration. Course discusses several scales of restoration (organism to landscape), but emphasis is on a holistic approach to terrestrial ecosystem restoration.								
A&S	PBIO	PBIO	5330	Restoration Ecology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Understand the philosophies, challenges, principles, and methods of ecological restoration. Course discusses several scales of restoration (organism to landscape), but emphasis is on a holistic approach to terrestrial ecosystem restoration.								
A&S	PBIO	PBIO	5350	Plant Population Biology and Community Ecology	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course covers the fundamental principles and concepts of soil and ecosystem ecology. The course will provide a foundation on the physical and chemical environment (i.e. soils) that mediates plant function. We then cover basic concepts in ecosystem ecology followed by the mechanisms (via biogeochemistry and ecological stoichiometry) that drive or limit ecosystem function, including temporal and spatial patterns. We will then integrate this information at several scales and discuss consequences of ecosystem function on human wellbeing. The lab portion will integrate concepts discussed in lecture, but emphasize analyzing soil and vegetation for metrics of ecosystem function. Data from the lab will be analyzed to investigate the influence of soil and plants on ecosystem-level processes.								
A&S	PBIO	PBIO	5380	Soil Properties and Ecosystem Processes	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course covers the fundamental principles and concepts of soil and ecosystem ecology. The course will provide a foundation on the physical and chemical environment (i.e. soils) that mediates plant function. We then cover basic concepts in ecosystem ecology followed by the mechanisms (via biogeochemistry and ecological stoichiometry) that drive or limit ecosystem function, including temporal and spatial patterns. We will then integrate this information at several scales and discuss consequences of ecosystem function on human wellbeing. The lab portion will integrate concepts discussed in lecture, but emphasize analyzing soil and vegetation for metrics of ecosystem function. Data from the lab will be analyzed to investigate the influence of soil and plants on ecosystem-level processes.								
A&S	PBIO	PBIO	5400	Development and Evolution of Land Plants	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	PBIO	5420	Experimental Anatomy of Plant Development	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussions of current experimentation and progress in these fields as well as ethical considerations of this research.								
A&S	PBIO	PBIO	5750	Plant Population Genetics and Speciation	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Specific course content will vary with offering.								
A&S	PBIO	PBIO	6500	Instrumentation and Techniques	Laboratory	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Learning how to used specialized instrumentation and techniques for biological research.								
A&S	PBIO	PBIO	6500	Instrumentation and Techniques	Lecture	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Learning how to used specialized instrumentation and techniques for biological research.								
A&S	PBIO	PBIO	6510	Plant Biochemistry	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PBIO 5240 or 5310 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	Tutorial	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: PR, F Preparation for botanical teaching in colleges and universities.								
A&S	PBIO	PBIO	6900	Special Topics in Environmental & Plant Biology	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Specific course content will vary with offering.								
A&S	PBIO	PBIO	6940	Graduate Research	Research	1 to 15	250		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: PR, F 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	PBIO	PBIO	6950	Thesis	Thesis	.5 to 15	250		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		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	Seminar	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Graduate students present seminars on topics of current botanical interest.								
A&S	PBIO	PBIO	6971	Topics in Plant Systematics and Evolution	Seminar	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	Lecture	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	Seminar	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic.								
A&S	PBIO	PBIO	8700	Biostatistics II	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	Lecture	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	PBIO	PBIO	8950	Dissertation	Thesis	.5 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	Laboratory	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	Lecture	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.								

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A&S	PBIO	T3	4950	Biology and Geography of Regional Food Plants	Discussion	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Tier II completed and Sr only								
				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	Laboratory	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Tier II completed and Sr only								
				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	Lecture	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Tier II completed and Sr only								
				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).								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	1010	Fundamentals of Philosophy	Lecture	3	0	2HL; PHTC	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Survey of selected basic problems, concepts, and methods in philosophy.								
A&S	PHIL	PHIL	1200	Principles of Reasoning	Discussion	3	0	1M; FQR	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			Math Placement Level 1 or higher or (MATH D004 or MATH D005)				
		COURSE DESC:		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	Lecture	3	0	1M; FQR	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			Math Placement Level 1 or higher or (MATH D004 or MATH D005)				
		COURSE DESC:		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	1200L	Support for Critical Thinking and Logic	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:			PHIL 1200 concurrent				
		COURSE DESC:		PR, F This course is designed to reinforce and extend the critical thinking skills taught in PHIL 1200. These skills include facility with i) the techniques and terminology of both formal and informal logic, ii) analytical reasoning, iii) creative problem solving, iv) critical reading, and v) the careful use of language. In addition to cultivating these skills, the course aims to help students i) realize a growth mindset with respect to understanding and using the tools of logic, ii) overcome anxiety with symbolic representations and formal systems, and iii) develop general habits of thought and action that contribute to success in their other coursework and post-graduation pursuits.								
A&S	PHIL	PHIL	1300	Introduction to Ethics	Lecture	3	0	2HL; PHTC	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	2300	Ethical Reasoning: From Theory to Application	Lecture	1	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is a study of major ethical theories and their application to contemporary ethical issues. In applying ethical theories to contemporary issues, students analyze the implications of various theories for these issues and formulate recommendations for ethically informed responses. Throughout this process, students critically reflect upon their own values and principles, including both those that have guided their behavior in the past and those they aspire to follow in the future.								
A&S	PHIL	PHIL	2310	Philosophy of Sport	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.								
A&S	PHIL	PHIL	2350	Business Ethics	Lecture	3	0	ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The critical examination of moral reasoning as it pertains to institutions and practices of contemporary business. The course is devoted to both the study of the fundamental moral concepts, principles, theories, and methods, relevant to the ethical evaluation of business practices and culture, and the application of such moral considerations to real business situations in which ethical concerns are prominent.								
A&S	PHIL	PHIL	2400	Social and Political Philosophy	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								

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A&S	PHIL	PHIL	2500	Philosophy of Mind	Lecture	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	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to the philosophy of religion. Students critically investigate major philosophical theories and arguments pertaining to the existence and nature of God and the implications of God's existence or non-existence for human life. Topics covered include the following: 1) arguments for God's existence, 2) arguments against God's existence, 3) God's nature, 4) death, immortality, and the meaning of life, and 5) the relationship between religion and morality.								
A&S	PHIL	PHIL	2700	Philosophy, Technology, and Society	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Focuses on problems concerning recent and emerging technologies, including robotics, artificial intelligence, virtual/augmented reality devices, and social media. Readings, lectures, and films explore philosophical and psychological research on technologically extended cognition; debates concerning the possibility of "uploading" the mind onto a computer; artificial consciousness; the ethical standards that ought to govern our interactions with others in virtual worlds or when playing video games; the nature of online personal identity; and the challenge posed by biased search algorithms, fake news, and anonymous posting to epistemically responsible use of information found on the Internet.								
A&S	PHIL	PHIL	2900	Special Topics in Philosophy	Lecture	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	Tutorial	1 to 9	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		1st-yr tutorial studies in Philosophy.								
A&S	PHIL	PHIL	2980T	Philosophy Tutorial	Tutorial	1 to 9	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		1st-yr tutorial studies in philosophy.								
A&S	PHIL	PHIL	3010J	Writing With Critical Reasoning Skills	Lecture	3	0	1J; FAW	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.								
A&S	PHIL	PHIL	3300	Ethics	Lecture	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	Lecture	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.								

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A&S	PHIL	PHIL	3320	Philosophy of Sex and Love	Lecture	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	Lecture	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	Lecture	3	0	BER	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	Lecture	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	Lecture	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	3580	Existentialism	Lecture	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	Tutorial	1 to 9	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		2nd-yr tutorial studies in philosophy.								
A&S	PHIL	PHIL	3980T	Philosophy Tutorial	Tutorial	1 to 9	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		2nd-yr tutorial studies in Philosophy.								
A&S	PHIL	PHIL	4120	Philosophy of Biology	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	4180	Plato	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 4 Courses in PHIL including 3100								
		COURSE DESC:		[Seminar contents vary.]								

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A&S	PHIL	PHIL	4190	Aristotle	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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.								
A&S	PHIL	PHIL	4420	Philosophy of Law	Lecture	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.								

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A&S	PHIL	PHIL	4440	Philosophy of Marxism	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 3 Hours in PHIL and (1300 or 2400)								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL								
				Peirce, James, Dewey, and other American thinkers.								
A&S	PHIL	PHIL	4500	Theory of Knowledge	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including 3120								
				Critical examination of various views of what knowledge is and how it is attained.								
A&S	PHIL	PHIL	4510	Metaphysics	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including (3100 or 3120)								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in PHIL								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including (3580 and 4680)								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including (3580 and 4680)								
				A detailed examination of the central problems in contemporary French philosophy.								
A&S	PHIL	PHIL	4680	Phenomenology	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including 3120								
				Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.								
A&S	PHIL	PHIL	4750	Chinese Philosophy	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CLWR 3350 and 4 courses in PHIL								
				Major Chinese philosophers and schools of thought from earliest times to present.								
A&S	PHIL	PHIL	4760	Indian Philosophy	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CLWR 3340 and 4 courses in PHIL								
				Classical Hinduism.								
A&S	PHIL	PHIL	4770	Buddhist Philosophy	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CLWR 3350 and 4 courses in PHIL								
				Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.								
A&S	PHIL	PHIL	4780	African Philosophy	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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	Lecture	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	PHIL	PHIL	4901	Senior Seminar	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: PHIL 3100 and 3120 and 3200 and Sr only								
				PR								
		COURSE DESC:		Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	4910	Internship in Philosophy ELIGIBLE GRADES: COURSE DESC:	Field	1 to 3	12	BLD	N	U30		0
				GEC1: A-F REQUISITE: 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.								
A&S	PHIL	PHIL	4911	Seminar in Philosophy ELIGIBLE GRADES: COURSE DESC:	Seminar	3	9		N	U30		0
				GEC1: A-F REQUISITE: 5 courses in PHIL Selected problems.								
A&S	PHIL	PHIL	4921	Applied Ethics ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 2 Courses in (PHIL 1300 or 2350 or 3300 or 3310 or 4300) 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 ELIGIBLE GRADES: COURSE DESC:	Tutorial	3	0		I	U30		0
				GEC1: A-F REQUISITE: Permission required Seminar contents vary.								
A&S	PHIL	PHIL	4970T	Philosophy Tutorial ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 9	999		N	U30		0
				GEC1: A-F REQUISITE: HTC 3rd-yr tutorial studies in Philosophy.								
A&S	PHIL	PHIL	4980T	Philosophy Tutorial ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 9	999		N	U30		0
				GEC1: A-F REQUISITE: HTC 3rd-yr tutorial studies in Philosophy.								
A&S	PHIL	PHIL	4990	Senior Thesis ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC2: A-F, REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Philosophical application of techniques of modern symbolic logic.								
A&S	PHIL	PHIL	5120	Philosophy of Biology ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC4: A-F, REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PSY 2710 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.								
A&S	PHIL	PHIL	5140	Analytic Philosophy ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Selected topics in contemporary Anglo-American Philosophy.								
A&S	PHIL	PHIL	5150	Contemporary Philosophical Problems ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Selected topics in contemporary philosophy.								
A&S	PHIL	PHIL	5160	Philosophy of Science ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Analysis of selected problems in logic and methodology of sciences.								
A&S	PHIL	PHIL	5170	Philosophy of Logic ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC1: A-F REQUISITE: PHIL 5020 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5180	Plato	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	PHIL	5190	Aristotle	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	PHIL	5200	Symbolic Logic II	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	5260	Philosophy of Space and Time	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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 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	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	5280	Continental Rationalism	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	PHIL	5290	British Empiricism	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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A&S	PHIL	PHIL	5300	Ethical Theory	Seminar	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	Seminar	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	5320	Problems in Aesthetics	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
A&S	PHIL	PHIL	5430	Liability and Responsibility in the Law	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 2400 and 4300 and (4400 or 4420)								
		COURSE DESC:		PR 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	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	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.								

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A&S	PHIL	PHIL	5480	Pragmatism	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	5760	Indian Philosophy	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Introduction to selected topics in Indian philosophy.								
A&S	PHIL	PHIL	5770	Buddhist Philosophy	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.								
A&S	PHIL	PHIL	5780	African Philosophy	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	PHIL	5900	Special Topics in Philosophy	Lecture	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	5901	Seminar in Philosophy	Seminar	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected problems.								
A&S	PHIL	PHIL	5920	Applied Ethics	Practicum	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	6890	Topics in Applied Ethics	Seminar	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	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Research	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Supervised readings in specific areas beyond coursework.								
A&S	PHIL	PHIL	6950	Thesis	Thesis	.5 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Master's Thesis.								

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A&S	PHYS	ASTR	1000	Survey of Astronomy	Lecture	3	0	2NS; ANW	N	U10	CCE, CORESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	1	0	2NS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	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	PHYS	ASTR	3251	Fundamentals of Astrophysics	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Research	1 to 3	99		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ASTR 3251 Telescope observations and other laboratory studies dealing with astronomy.								
A&S	PHYS	ASTR	4201	Stellar Astrophysics and Radiation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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 Study	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	4900	Special Topics in Astronomy	Lecture	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	PHYS	ASTR	4930	Studies in Astronomy	Ind Study	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and ASTR 3251 Special studies in Astronomy under the supervision of a faculty member.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	ASTR	5201	Stellar Astrophysics and Radiation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	PHYS	ASTR	5202	Interstellar Medium and Galaxies	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	PHYS	ASTR	5271	Observational Astrophysics	Ind Study	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	PHYS	ASTR	5271	Observational Astrophysics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	PHYS	ASTR	5900	Special Topics in Astronomy	Lecture	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	PHYS	PHYS	D020	Preparation for College Physics	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		WARNING: No credit if physics course above D020 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	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PBIO 2010 or concurrent 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	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		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	Seminar	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	Laboratory	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		(MATH 1200 or math placement level 2 or higher) and WARNING: not PHYS 2051 or PHYS 2054 and 2055 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 PHYS 2001 after PHYS 2051.								
A&S	PHYS	PHYS	2001	Introduction to Physics	Lecture	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		(MATH 1200 or math placement level 2 or higher) and WARNING: not PHYS 2051 or PHYS 2054 and 2055 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 PHYS 2001 after PHYS 2051.								
A&S	PHYS	PHYS	2001A	Honors Experience in Introduction to Physics	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:							
		COURSE DESC:		PHYS 2001 and Ohio Honors NC OHIO Honors curricular experience in Introduction to Physics								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	2002	Introduction to Physics	Laboratory	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2001 or 2051 or 2051H) and	WARNING:	not PHYS 2052 or 2301				
		COURSE DESC:		Continuation of PHYS 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, engineering technology, geological sciences, and applied health professions. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.								
A&S	PHYS	PHYS	2002	Introduction to Physics	Lecture	4	0	2NS; ANW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2001 or 2051 or 2051H) and	WARNING:	not PHYS 2052 or 2301				
		COURSE DESC:		Continuation of PHYS 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, engineering technology, geological sciences, and applied health professions. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.								
A&S	PHYS	PHYS	2002A	Honors Experience: Introduction to Physics	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	PHYS 2002 concurrently and Ohio Honors student						
		COURSE DESC:		OHIO Honors curricular experience in Introduction to Physics								
A&S	PHYS	PHYS	2003	Introduction to Physics 1	Lecture	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 1200 or math placement level 2 or higher) and	WARNING:	not PHYS 2001, PHYS 2051 or PHYS 2054				
		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, engineering technology, geological sciences, and pre-medicine. Mechanics of solids and liquids, oscillations, heat, thermodynamics. This course has a laboratory course (PHYS 2004) with which it is paired for General Education and TAGs credit.								
A&S	PHYS	PHYS	2004	Introduction to Physics 1 Laboratory Course	Laboratory	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2003 concurrent						
		COURSE DESC:		First lab 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, engineering technology, geological sciences, and pre-medicine. Mechanics of solids and liquids, oscillations, heat, thermodynamics. PHYS 2004 is the lab component of the course with a co-requisite of PHYS 2003. PHYS 2004 is paired with PHYS 2003 for General Education and TAGS credit.								
A&S	PHYS	PHYS	2051	General Physics	Laboratory	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 or concurrent						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: 1-D and 2-D vectors; 1-D and 2-D Kinematics; Newtonian mechanics; Work and Conservation of Energy; Impulse, conservation of momentum, 1-D and 2-D collisions; rotational dynamics; Simple Harmonic Motion; Wave Mechanics: 1-D traveling waves, standing waves, and interference of waves; Thermodynamics: zeroth, first, and second law of thermodynamics, maximum efficiency of engines.								
A&S	PHYS	PHYS	2051	General Physics	Lecture	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 or concurrent						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: 1-D and 2-D vectors; 1-D and 2-D Kinematics; Newtonian mechanics; Work and Conservation of Energy; Impulse, conservation of momentum, 1-D and 2-D collisions; rotational dynamics; Simple Harmonic Motion; Wave Mechanics: 1-D traveling waves, standing waves, and interference of waves; Thermodynamics: zeroth, first, and second law of thermodynamics, maximum efficiency of engines.								
A&S	PHYS	PHYS	2051	General Physics	Recitation	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 or concurrent						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: 1-D and 2-D vectors; 1-D and 2-D Kinematics; Newtonian mechanics; Work and Conservation of Energy; Impulse, conservation of momentum, 1-D and 2-D collisions; rotational dynamics; Simple Harmonic Motion; Wave Mechanics: 1-D traveling waves, standing waves, and interference of waves; Thermodynamics: zeroth, first, and second law of thermodynamics, maximum efficiency of engines.								
A&S	PHYS	PHYS	2051H	General Physics for Physics and Astronomy Majors	Lecture	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	Laboratory	5	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 2301 or 263A or 263B or 266A or 266B) and (PHYS 2051 or 2054 and 2055)						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: electrostatics: conductors and insulators, Coulomb's Law, Gauss's Law, electric field and potential, capacitance, energy storage in an electric field; electric current: current flow in materials, circuits with batteries, resistors, capacitors, inductors and diodes; magnetism and magnetic fields: magnetic forces on moving charges and current carrying conductors, magnetic fields produced by electric currents and moving charges, electric induction including Faraday's Law, Lens's Law, and induced electric fields, transformers; properties of electromagnetic waves: transmission, detection, reflection, refraction, polarization; Optics: images formed by plane mirrors, spherical mirrors, and thin lenses; Interference of light: Young's Double Slit interference, Thin Film Interference, Diffraction by single and multiple slits.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	2052	General Physics	Lecture	5	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 2301 or 263A or 263B or 266A or 266B) and (PHYS 2051 or 2054 and 2055)						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: electrostatics: conductors and insulators, Coulomb's Law, Gauss's Law, electric field and potential, capacitance, energy storage in an electric field; electric current: current flow in materials, circuits with batteries, resistors, capacitors, inductors and diodes; magnetism and magnetic fields: magnetic forces on moving charges and current carrying conductors, magnetic fields produced by electric currents and moving charges, electric induction including Faraday's Law, Lens's Law, and induced electric fields, transformers; properties of electromagnetic waves: transmission, detection, reflection, refraction, polarization; Optics: images formed by plane mirrors, spherical mirrors, and thin lenses; Interference of light: Young's Double Slit interference, Thin Film Interference, Diffraction by single and multiple slits.								
A&S	PHYS	PHYS	2052	General Physics	Recitation	5	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MATH 2301 or 263A or 263B or 266A or 266B) and (PHYS 2051 or 2054 and 2055)						
		COURSE DESC:		Classical physics with calculus and vectors. Topics include: electrostatics: conductors and insulators, Coulomb's Law, Gauss's Law, electric field and potential, capacitance, energy storage in an electric field; electric current: current flow in materials, circuits with batteries, resistors, capacitors, inductors and diodes; magnetism and magnetic fields: magnetic forces on moving charges and current carrying conductors, magnetic fields produced by electric currents and moving charges, electric induction including Faraday's Law, Lens's Law, and induced electric fields, transformers; properties of electromagnetic waves: transmission, detection, reflection, refraction, polarization; Optics: images formed by plane mirrors, spherical mirrors, and thin lenses; Interference of light: Young's Double Slit interference, Thin Film Interference, Diffraction by single and multiple slits.								
A&S	PHYS	PHYS	2052H	General Physics for Physics and Astronomy Majors	Lecture	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	2053	Contemporary Physics: Relativity and Quantum Phenomena	Lecture	3	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2052 or (2056 and 2057) or (EE 2104 and MATH 2302)						
		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	2054	General Physics 1 classical mechanics and thermodynamics	Lecture	3	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2301 concurrent						
		COURSE DESC:		This is the first of a three semester sequence of classes for scientists and engineers to introduce them to classical and quantum physics with calculus and vectors. The topics in this first semester include: 1-D and 2-D vectors; 1-D and 2-D Kinematics; Newtonian mechanics; Work and Conservation of Energy; Impulse, conservation of momentum, 1-D and 2-D collisions; rotational dynamics; Simple Harmonic Motion; Wave Mechanics: 1-D traveling waves, standing waves, and interference of waves; Thermodynamics: zeroth, first, and second law of thermodynamics, maximum efficiency of engines. This course has a laboratory course (PHYS 2055) that is paired with for General Education and TAGs credit.								
A&S	PHYS	PHYS	2055	General Physics 1 laboratory course	Laboratory	1	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2054 or concurrent						
		COURSE DESC:		This course is the laboratory course that is paired with PHYS 2054 for General Education and TAGs credit.								
A&S	PHYS	PHYS	2056	General Physics 2 electricity and magnetism	Lecture	3	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2054 and 2055) OR PHYS 2051						
		COURSE DESC:		This is the second of a three-semester sequence of introductory physics classes for scientists and engineers that uses calculus and vectors. Topics include: electrostatics: conductors and insulators, Coulomb's Law, Gauss's Law, electric field and potential, capacitance, energy storage in an electric field; electric current: current flow in materials, circuits with batteries, resistors, capacitors, inductors and diodes; magnetism and magnetic fields: magnetic forces on moving charges and current carrying conductors, magnetic fields produced by electric currents and moving charges, electric induction including Faraday's Law, Lens's Law, and induced electric fields, transformers; properties of electromagnetic waves: transmission, detection, reflection, refraction, polarization; Optics: images formed by plane mirrors, spherical mirrors, and thin lenses; Interference of light: Young's Double Slit interference, Thin Film Interference, Diffraction by single and multiple slits.								
				This course is paired with the laboratory course (PHYS 2057) for General Education and TAGs credit.								
A&S	PHYS	PHYS	2057	General Physics 2 laboratory course	Laboratory	1	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2056 or concurrent						
		COURSE DESC:		This is the laboratory course that is paired with PHYS 2056 for General Education and TAGs credit.								
A&S	PHYS	PHYS	2301	General Physics with Biological Applications	Laboratory	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	Lecture	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	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2002 or 2052 or 2052H						
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	2900	Special Topics in Physics	Lecture	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 Study	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR				Permission required				
		COURSE DESC:		Special studies in physics under supervision of faculty member.								
A&S	PHYS	PHYS	2970T	Physics Tutorial	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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.								
A&S	PHYS	PHYS	3401	Introduction to Mathematical Physics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3400 and PHYS 2052								
		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.								
A&S	PHYS	PHYS	3701	Intermediate Laboratory - Electrons & Photons	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2053								
		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.								
A&S	PHYS	PHYS	3702	Intermediate Laboratory - Photons & Nucleons	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2053								
		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.								
A&S	PHYS	PHYS	3970T	Physics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Second-year tutorial studies in physics.								
A&S	PHYS	PHYS	3980T	Physics Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Second-year tutorial studies in physics.								
A&S	PHYS	PHYS	4021	Introduction to Quantum Mechanics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2053								
		COURSE DESC:		A survey of the theory and application of quantum mechanics. Short historical introduction to quantum mechanics; solutions of one-dimensional Schrodinger 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).								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	4031	Electricity and Magnetism 1	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3400 and PHYS 2052								
		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.								
A&S	PHYS	PHYS	4032	Electricity and Magnetism 2	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 4031								
		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.								
A&S	PHYS	PHYS	4041	Mathematical Methods in Physics 1	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and PHYS 3001								
		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.								
A&S	PHYS	PHYS	4051	Modern Physics	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 3001 and 4021 and 4031 and Sr only								
		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.								
A&S	PHYS	PHYS	4061	Geometrical and Physical Optics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and PHYS 2052								
		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.								
A&S	PHYS	PHYS	4071	Computer Simulation Methods in Physics	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	4801	Acoustics	Lecture	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	Lecture	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	Lecture	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	Lecture	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	PHYS	4930	Special Problems	Ind Study	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	15 Hours in PHYS						
		COURSE DESC:		CR, PR Supervised research on problems of limited scope in experimental and/or theoretical physics.								
A&S	PHYS	PHYS	4940H	Honors Thesis	Research	1 to 6	99	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC or Dept Honors Candidacy						
		COURSE DESC:		CR, PR Supervised research work in physics, astronomy, or applied physics, intended for submission for undergraduate honors.								
A&S	PHYS	PHYS	4942	Undergraduate Seminar	Seminar	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	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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	Discussion	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).								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	5021	Introduction to Quantum Mechanics	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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).								
A&S	PHYS	PHYS	5031	Electricity and Magnetism 1	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5032	Electricity and Magnetism 2	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
A&S	PHYS	PHYS	5041	Mathematical Methods in Physics 1	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5041	Mathematical Methods in Physics 1	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5051	Modern Physics Theory and Applications	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5061	Geometrical and Physical Optics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5071	Computer Simulation Methods in Physics	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	5101	Topics in Science for Elementary and Secondary Schools	Seminar	1 to 4	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	5411	Electronic Device Physics	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	PHYS	PHYS	6001	Classical Mechanics	Discussion	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	Lecture	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	Lecture	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	Discussion	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	6011	Statistical Mechanics 1	Lecture	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	Discussion	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	Lecture	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	6021	Quantum Mechanics 2	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 6020								
		COURSE DESC:		Quantum mechanics beyond 6020. 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.								
A&S	PHYS	PHYS	6021	Quantum Mechanics 2	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 6020								
		COURSE DESC:		Quantum mechanics beyond 6020. 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.								
A&S	PHYS	PHYS	6031	Electrodynamics 1	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 5041								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	6031	Electrodynamics 1	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 5041								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	6032	Electrodynamics 2	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	6041	Mathematical Methods in Physics 2	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
A&S	PHYS	PHYS	6201	General Relativity and Cosmology	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
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.	Lecture	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.	Laboratory	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.	Laboratory	3	0		N	G50		0
A&S	PHYS	PHYS	6751	Graduate Laboratory: Nuclear and Particle GEC1: A-F REQUISITE: 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.	Laboratory	3	0		N	G50		0
A&S	PHYS	PHYS	6900	Special Topics in Physics GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G50		0
A&S	PHYS	PHYS	6940	Special Study GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Supervised individual study at beginning or intermediate graduate level. Can be used for writing M.S. or M.A. paper.	Research	1 to 15	990		N	G50		0
A&S	PHYS	PHYS	6950	Thesis GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Thesis writing in the chosen area of study.	Thesis	.5 to 15	990		N	G40		0
A&S	PHYS	PHYS	7011	Statistical Mechanics 2 GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0
A&S	PHYS	PHYS	7021	Relativistic Quantum Theory and Introduction to Quantum Field Theory GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0
A&S	PHYS	PHYS	7022	Quantum Many-Body Theory GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0
A&S	PHYS	PHYS	7023	Quantum Field Theory GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	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	Lecture	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								
A&S	PHYS	PHYS	7401	Condensed Matter Physics 1	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7402	Condensed Matter Physics 2	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7403	Contemporary Topics in Condensed Matter Physics	Lecture	3	9		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7411	The Physics of Nanostructures	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7421	Physics of Amorphous Materials	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7461	Methods in Condensed Matter Theory	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7501	Particles and Nuclei 1	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7502	Particles and Nuclei 2	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
A&S	PHYS	PHYS	7511	Applied Nuclear Physics	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	7561	Contemporary Nuclear Theory: The Study of Strongly-interacting Matter	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	Seminar	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		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	Practicum	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	Seminar	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	8201	Research Seminar in Astrophysics	Seminar	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	Addresses current topics in astrophysics, and provides a forum for presentations by local and visiting researchers.							
A&S	PHYS	PHYS	8301	Research Seminar Biophysics	Seminar	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	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	Seminar	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	Intensive study of selected topics in condensed matter physics via research seminars by renowned scholars on forefront areas of research.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	PHYS	8501	Research Seminar in Nuclear and Particle Physics and Journal Club	Seminar	1 to 4	99		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	1 to 3	12		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Lectures on special topics, often related to current research conducted in the department.								
A&S	PHYS	PHYS	8940	Special Study	Research	1 to 15	990		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Supervised individual study in preparation for research at doctoral level.								
A&S	PHYS	PHYS	8950	Doctoral Research and Dissertation	Thesis	.5 to 15	990		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Supervised individual research activities in the area of doctoral work.								
A&S	PHYS	PSC	1000	Survey of Astronomy	Lecture	3	0	2NS	N	U10		0
				ELIGIBLE GRADES:								
				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	Lecture	3	0	2NS	N	U10		0
				ELIGIBLE GRADES:								
				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.								
A&S	PHYS	PSC	1010	The Physical World	Lecture	3	0	2NS; ANW	N	U10	CORRESPOND	0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: WARNING: not PSC 1011 Designed for nonscience majors. An exploration of fundamental ideas of the physical world, including fundamental ideas of measurement, motion, energy, electricity and magnetism, and other topics.								
A&S	PHYS	PSC	1011	Physical World	Laboratory	4	0	2NS; ANW	N	U10		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: WARNING: not PSC 1010 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	Lecture	4	0	2NS; ANW	N	U10		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: WARNING: not PSC 1010 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	Lecture	3	0	2NS	N	U10	CORRESPOND	0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: WARNING: not PSC 1051 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	Laboratory	4	0	2NS; PNS	N	U10		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: WARNING: not PSC 1050 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	PHYS	PSC	1051	Color, Light, and Sound	Lecture	4	0	2NS; PNS	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	Lecture	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	Lecture	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	Lecture	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	1400	Observational Astronomy Laboratory	Laboratory	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?	Lecture	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	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	1010	Politics in the United States	Lecture	3	0	2SS; PSBS	N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines the nature of American democracy citizen participation, principles of government and political institutions within context of US domestic politics.								
A&S	POLS	POLS	1010A	Honors Experience: Politics in the US	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:							
		COURSE DESC:		NC OHIO Honors curricular experience in Politics in the US								
A&S	POLS	POLS	1500	Themes in Global Politics	Lecture	3	0	2SS; PSBS	N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	POLS	POLS	1600	Engaging Politics	Lecture	3	0	2SS	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	POLS	POLS	2000	American Politics, Policy, and Administration	Lecture	3	0	2SS; ACNW	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to American politics, policy, and administration by investigating how public policies are formulated and implemented. Under a 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. This course surveys the historical and contemporary principles of democracy and bureaucracy. Students consider the ideal relationship among politics, policy, and administration. Students also evaluate the significance of political culture and its effects upon policy formulation and implementation.								
A&S	POLS	POLS	2200	The Politics of Law	Lecture	3	0	2SS; ACNW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
A&S	POLS	POLS	2300	Democracies and Dictatorships Around the World	Lecture	3	0	2SS; PSBS	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to dynamics, structures, and comparison of contemporary political systems and processes.								
A&S	POLS	POLS	2500	International Relations	Lecture	3	0	2SS; PSBS	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
A&S	POLS	POLS	2700	Introduction to Political Theory	Lecture	3	0	2SS	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
A&S	POLS	POLS	2800	Analyzing Politics: Applied Statistics for Government, Public, and International Affairs	Laboratory	3	0	1M; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Math Placement Level 1 or higher or (MATH D004 or MATH D005) and (Warning: Not GEOG 2710) 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.								
A&S	POLS	POLS	2800	Analyzing Politics: Applied Statistics for Government, Public, and International Affairs	Lecture	3	0	1M; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Math Placement Level 1 or higher or (MATH D004 or MATH D005) and (Warning: Not GEOG 2710) 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	2900	Special Topics in Political Science	Lecture	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	2970T	Political Science Non-Thesis Tutorial First Year	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	2971T	Political Science Non-Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	2980T	Political Science Non-Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	2981T	Political Science Non-Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	3040	State Politics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 1010 or 2000								
		COURSE DESC:		Comparative analysis of state political systems. Emphasis on structure and process of policy making of states within federal context.								
A&S	POLS	POLS	3050J	Writing on Political Science Topics	Seminar	3	0	1J; FAW	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 12 Hours in POLS								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in POLS and Soph or higher								
		COURSE DESC:		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	3230	African American Politics in Theory and Practice	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 3 Hours in POLS								
		COURSE DESC:		The course examines the experiences of African Americans in the American political system. It focuses on the historical and contemporary status of African Americans in American politics. African American politics in the post-civil rights era constitutes a major part of the course. African American political mobilization and participation, racial representation and leadership, partisan politics, and public policymaking are key topics. The course centrally details the influence and presence of African Americans within American political institutions. A defining theme of the course is an evaluation of the nature and evolution of African American politics within the context of a theoretical and practical paradigm which principally focuses on governmental institutions and political behavior.								
A&S	POLS	POLS	3520	International Peace	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 1500 or 2500								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2500								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	3700	The Enlightenment and its Critics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2700								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS								
		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.								
A&S	POLS	POLS	3970T	Political Science Non-Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	3980T	Political Science Non-Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial on topics in political science.								
A&S	POLS	POLS	4010	American Constitutional Law	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS								
		COURSE DESC:		This course is a study of Supreme Court decisions and other public documents from the Founding to the present day. Topics will trace the development of constitutional doctrine regarding the authority of state and federal governments to regulate the economy and to protect civil rights. This course approaches the politics of constitutional interpretation with a particular focus on the generation of various theories of equality that promote social equality or limit the authority of the state to respond to social conditions.								
A&S	POLS	POLS	4015	Constitutional Politics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS								
		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	4040	Civil Liberties	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 2200								
		COURSE DESC:		A problem-based approach to U.S. civil liberties law.								
A&S	POLS	POLS	4050	American Political Parties	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 12 Hours in POLS								
		COURSE DESC:		Examines the growth, development, and operation of political parties in the United States.								
A&S	POLS	POLS	4060	Elections and Campaigns	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in POLS and Soph or higher								
		COURSE DESC:		Examines the operation of political campaigns in the context of American elections.								
A&S	POLS	POLS	4062	American Voting Behavior	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: POLS 1010 and 2000								
		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	4065	Public Opinion, Political Participation, and Protest	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4067	Women and Politics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS or 1010 or 2000								
		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	4070	Strategic Decision-Making	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F 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								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including 2000								
		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. 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 Hours in POLS including (2000 or 2200)								
		COURSE DESC:		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.								
A&S	POLS	POLS	4151	Politics of Taxation	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4225	Law and Colonialism	Seminar	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course focuses on how law was a central instrument of European and American colonial projects during the 19th and 20th centuries. Students explore how the imposition of colonial law affected colonized societies and their preexisting legal systems; they also examine how western fears and apprehensions vis-à-vis 'native' societies affected western law and society in turn. Academic texts as well as a sampling of novels, poetry, plays, and movies provide students points of entry for tracing how law helped establish and manage colonial projects and ideology. This course has an experiential component: students engage in archival research to increase their knowledge about colonialism; they also complete a research paper on a primary source to hone their skills in assessing who a primary source was written by, for whom, and to what end.								
A&S	POLS	POLS	4230	Political Leadership	Lecture	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	Lecture	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 Climate Change Politics and Policy	Lecture	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	Lecture	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	Lecture	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.								
A&S	POLS	POLS	4280	Politics and Science in the United States	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS including (2300 or 2500)								
		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	Lecture	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	Lecture	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	Lecture	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								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4390	Government and Politics in France	Lecture	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	Lecture	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	Lecture	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	Seminar	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	Seminar	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 2300 or 2500						
		COURSE DESC:		The course introduces history, politics, culture, economy, and beliefs and practices of the Middle Eastern communities and countries. It helps students identify their own biases when discussing Middle Eastern cultures and politics, and allows them to develop an understanding and appreciation for different Middle Eastern religious and political communities and cultures. The course also explores cultural differences in communications, and their implications in Middle Eastern politics and public sphere.								
A&S	POLS	POLS	4420A	Honors Experience: Middle East Politics	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	POLS 4420 concurrent and student in the OHIO Honors program						
		COURSE DESC:		NC OHIO honors curricular experience in Middle East Politics								
A&S	POLS	POLS	4440	East Asia in World Politics	Lecture	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	Lecture	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	Lecture	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	Seminar	3	0	3; CAP	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	Lecture	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	Lecture	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	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 1500 or POLS 2300 or POLS 2500 or permission required						
		COURSE DESC:		Examines the causes and consequences of nationalism and ethnic conflict. Considers the nature of state boundaries and the political contention that can lead to violence based on national and cultural identities. Explores the means to resolve or prevent such conflicts and applies them through experiential learning activities, such as in-class simulations, oral presentations, and the development of policy memos and research papers.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4495	The Challenges of Democratization	Lecture	3	0	BER	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	Seminar	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	Seminar	3	0	BLD	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and POLS major						
		COURSE DESC:		Seminar on selected topics in political science in preparation for writing an honors thesis. Students explore thinking and writing like a political scientist: they reflect on their own research interests and analyze what kinds of questions political scientists ask, how they answer them, and what the elements of academic writing are. Throughout the seminar, students iteratively work towards creating a viable thesis proposal and bibliography.								
A&S	POLS	POLS	4506H	Honors Thesis in Political Science	Seminar	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	4550	International Law	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS (POLS 2500 recommended)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS (POLS 2500 recommended)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS (POLS 2500 recommended)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS (POLS 2500 recommended)						
		COURSE DESC:		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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4590	Terrorism	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		The course introduces students to questions regarding ethics of violence, radicalization, extremism, terrorism and counterterrorism. Students explore various terrorist organizations, their ethical perspectives and methods they have employed, as well as counterterrorism operations including questions surrounding ethical decision-making.								
A&S	POLS	POLS	4600	International Political Economy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in POLS						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 2500 or 3540						
		COURSE DESC:		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	Global Humanitarianism	Seminar	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS or (Jr or Sr)						
		COURSE DESC:		This course draws upon a variety of interdisciplinary materials that examine the ethics of humanitarianism as an expression of global civil society, a mechanism of global governance, and an instrument of power and politics. Students explore various ethical perspectives and methods employed within the global humanitarian system and within humanitarian studies. The course is organized around a specific set of themes that: (1) question the parameters of ethical decision-making in the global humanitarian system (2) unsettle prevailing norms of humanitarian practice; (3) disrupt the politics legitimated by various humanitarian appeals; and (4) uncover the multitude of humanitarian ethics and 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	4650	Global Media Politics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in POLS or (Jr or Sr)						
		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	4700	Democratic Theories and Practices	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in POLS						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in POLS						
		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	4710	Contemporary Radical and Critical Theories	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 2700						
		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	4720	Resistance, Reform, and Revolution	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in POLS						
		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	4730	Animal/Human/Machine	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 2700 or permission required						
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4738	The Politics of Race in Global Context	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS								
		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	4739	Politics of Race	Lecture	3	0	BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS including 2700								
		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	4740	Sexuality and Queer Theories	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in POLS								
		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	4751	Critical Race Theory	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4756	The Politics of Visibility	Lecture	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	Lecture	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	Lecture	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.								
A&S	POLS	POLS	4759	Interracial Transgressions	Lecture	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	Lecture	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	Postcolonial Politics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	6 hours in POLS or (Jr or Sr)					
		COURSE DESC:		This course introduces students to the study of postcolonial politics. The course poses questions on how communities relate to one another across the global North and South, historically and in the present: Is the world best described as comprising independent sovereign states, transnational and global networks, or relations of power and hierarchy? How have religion, race, gender, and diaspora populations affected politics in postcolonial contexts? Whose experiences best exemplify what it means to be a global citizen in the twenty first century? Readings include foundational texts and interdisciplinary approaches to postcolonial studies. Students complete the course with an understanding of the legacies of colonialism and the enduring political struggles of postcolonial societies.								
A&S	POLS	POLS	4770	Legal Theory and Social Problems	Lecture	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	Lecture	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	Lecture	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	4810	Politics and Comics	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Senior and 9 hours of POLS credit					
		COURSE DESC:		The aim of this course is to introduce students to the many political questions and themes that are explored in the medium of comics. The course begins by presenting the case for considering pop culture when studying politics, moves on to a general overview of comics as a medium, and narrows in on the subject at hand by providing a broad introduction to comics from the 20th century onward. Scholarly analysis is paired with comics to help deepen students' political analysis of these texts.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4830	Introduction to Research Design	Lecture	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	Lecture	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.								
A&S	POLS	POLS	4880	Environmental and Public Policy Dispute Resolution	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Internship	1 to 12	12	BLD	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	Internship	1 to 12	12	BLD	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 Study	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 Study	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 Study	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	4934	Independent Study in International Relations	Ind Study	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.								
A&S	POLS	POLS	4935	Independent Study in Comparative Politics	Ind Study	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	Research	1 to 3	6	BLD	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	Research	1 to 3	6	BLD	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	Research	1 to 3	6	BLD	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	Research	1 to 3	6	BLD	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	Research	1 to 3	6	BLD	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	Seminar	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	9 Hours in POLS and (Jr or Sr)						
		COURSE DESC:		CR Internship outside the United States.								
A&S	POLS	POLS	4970T	Political Science Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors tutorial thesis in political science								
A&S	POLS	POLS	4980T	Political Science Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors tutorial thesis in political science.								
A&S	POLS	POLS	5010	American Constitutional Law	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		This course is a study of Supreme Court decisions and other public documents from the Founding to the present day. Topics will trace the development of constitutional doctrine regarding the authority of state and federal governments to regulate the economy and to protect civil rights. This course approaches the politics of constitutional interpretation with a particular focus on the generation of various theories of equality that promote social equality or limit the authority of the state to respond to social conditions.								
A&S	POLS	POLS	5015	Constitutional Politics	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		A problem-based approach to U.S. civil liberties law.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5050	American Political Parties	Lecture	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.								
A&S	POLS	POLS	5060	Elections and Campaigns	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5190	LGBTQ Politics	Lecture	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	Lecture	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	5225	Law and Colonialism	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on how law was a central instrument of European and American colonial projects during the 19th and 20th centuries. Students explore how the imposition of colonial law affected colonized societies and their preexisting legal systems; they also examine how western fears and apprehensions vis-à-vis 'native' societies affected western law and society in turn. Academic texts as well as a sampling of novels, poetry, plays, and movies provide students points of entry for tracing how law helped establish and manage colonial projects and ideology. This course has an experiential component: students engage in archival research to increase their knowledge about colonialism; they also complete a research paper on a primary source to hone their skills in assessing who a primary source was written by, for whom, and to what end.								
A&S	POLS	POLS	5230	Political Leadership	Lecture	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	Lecture	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 Climate Change Politics and Policy	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5360	Government and Politics of Brazil	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5370	Government and Politics in Britain	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Major political processes, personalities, and institutions of contemporary Germany, including key foreign policy issues								
A&S	POLS	POLS	5390	Government and Politics in France	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Major political processes, personalities, ideas, and institutions of modern France.								
A&S	POLS	POLS	5400	The Politics of Developing Areas	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5410	African Politics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Development and structure of modern African states with emphasis on political processes in tropical Africa.								
A&S	POLS	POLS	5415	Religion and Global Politics	Seminar	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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		The course introduces history, politics, culture, economy, and beliefs and practices of the Middle Eastern communities and countries. It helps students identify their own biases when discussing Middle Eastern cultures and politics, and allows them to develop an understanding and appreciation for different Middle Eastern religious and political communities and cultures. The course also explores cultural differences in communications, and their implications in Middle Eastern politics and public sphere.								
A&S	POLS	POLS	5440	East Asia in World Politics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5450	Government and Politics of Japan	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Political institutions and processes of Japan with emphasis on developments since 1945.								
A&S	POLS	POLS	5460	Government and Politics of China	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Political institutions and processes and major political developments in China, with emphasis on recent events.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5470	Government and Politics of Southeast Asia	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Traditional governments in southeast Asia, Western colonialism, rise of nationalism, achievement of independence.								
A&S	POLS	POLS	5480	Comparative Public Policy	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Examines the causes and consequences of nationalism and ethnic conflict. Considers the nature of state boundaries and the political contention that can lead to violence based on national and cultural identities. Explores the means to resolve or prevent such conflicts and applies them through experiential learning activities, such as in-class simulations, oral presentations, and the development of policy memos and research papers.								
A&S	POLS	POLS	5495	The Challenges of Democratization	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5497	Capitalism and Democracy	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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 others. Also examines the unique challenges facing less developed countries.								
A&S	POLS	POLS	5550	International Law	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	5565	International Human Rights	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5570	National Security in the Contemporary Era	Lecture	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	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR The course introduces students to questions regarding ethics of violence, radicalization, extremism, terrorism and counterterrorism. Students explore various terrorist organizations, their ethical perspectives and methods they have employed, as well as counterterrorism operations including questions surrounding ethical decision-making.								
A&S	POLS	POLS	5600	International Political Economy	Lecture	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	Lecture	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	Global Humanitarianism	Seminar	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	Lecture	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	Lecture	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?								
A&S	POLS	POLS	5705	The Politics of Rights	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5710	Contemporary Radical and Critical Theories	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	POLS	POLS	5751	Critical Race Theory	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5752	The Politics of Intersectionality	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5753	American Whiteness	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5754	Black Political Thought	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5755	Latinos and Politics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5756	The Politics of Visibility	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5757	Race, Violence and Human Security	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	5758	Race and Public Policy in Comparative Perspective	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5759	Interracial Transgressions	Lecture	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	Lecture	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	Postcolonial Politics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course introduces students to the study of postcolonial politics. The course poses questions on how communities relate to one another across the global North and South, historically and in the present: Is the world best described as comprising independent sovereign states, transnational and global networks, or relations of power and hierarchy? How have religion, race, gender, and diaspora populations affected politics in postcolonial contexts? Whose experiences best exemplify what it means to be a global citizen in the twenty first century? Readings include foundational texts and interdisciplinary approaches to postcolonial studies. Students complete the course with an understanding of the legacies of colonialism and the enduring political struggles of postcolonial societies.								
A&S	POLS	POLS	5770	Legal Theory and Social Problems	Lecture	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	Lecture	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	Lecture	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								
A&S	POLS	POLS	5805	Political Science Fiction	Lecture	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 Handmaidss 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Principles and techniques of social science research.								
A&S	POLS	POLS	5840	The Politics of Sustainability	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	5880	Environmental and Public Policy Dispute Resolution	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5900	Special Topics in Political Science	Lecture	1 to 15	999		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5901	Special Topics in American Politics	Lecture	4	99		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5902	Special Topics in Law and Politics	Lecture	4	99		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5903	Special Topics in Political Theory	Lecture	4	99		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5904	Special Topics in International Relations	Lecture	4	99		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5905	Special Topics in Comparative Politics	Lecture	4	99		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5910	Public Affairs Internship	Internship	1 to 12	12		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5931	Independent Study in American Politics	Ind Study	1 to 4	8		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5932	Independent Study in Law and Politics	Ind Study	1 to 4	8		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5933	Independent Study in Political Theory	Ind Study	1 to 4	8		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
A&S	POLS	POLS	5934	Independent Study in International Relations	Ind Study	1 to 4	8		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

**MASTER CURRICULUM FILE
COURSE LISTING
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A&S	POLS	POLS	5935	Independent Study in Comparative Politics	Ind Study	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	Research	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	Research	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	Research	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	Research	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	Research	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.								
A&S	POLS	POLS	6000	Seminar in Political Science Scope and Theory	Seminar	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	POLS	6300	Seminar in Comparative Politics	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
A&S	POLS	POLS	6900	Special Topics in Political Science	Lecture	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	Thesis	.5 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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	1010	General Psychology	Lecture	3	0	2SS; PSBS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
A&S	PSY	PSY	1090	Optimizing Your Psychology Major	Lecture	1	0		N	U10		75
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Fr only						
		COURSE DESC:		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.								
A&S	PSY	PSY	1110	Elementary Statistical Reasoning	Lecture	3	0	1M; FQR	N	U10		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH D004 or D005 or 1200 or Math Placement Level 1 or higher) and WARNING: no credit for this course if taken after (Math 1500 or MATH 2500 or ISE 3040 or ISE 3200 or ET 2400 or ET2450 or PSY 2110 or QBA 2010)						
		COURSE DESC:		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 1500 or MATH 2500 or ISE 3040 or ISE 3200 or ET 2400 or ET 2450 ; no credit toward psychology major. Students cannot earn credit for PSY 1110 and Math 1500 (first course deducted).								
A&S	PSY	PSY	1110L	Support for Elementary Statistical Reasoning	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	PR, F						
		COURSE DESC:		PSY1110L is designed to complement materials learned in PSY1110 and support student success with student-centered, individualized attention in understanding basic statistical concepts and their applications. To meet the course objectives, you will attend the lab classes, complete in-class work and assignments based on course objectives. Co-requisite for students with a DV math placement and any student who wants additional support in PSY 1110.								
A&S	PSY	PSY	1900	Special Topics in Applied Psychology	Seminar	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	PR, F						
		COURSE DESC:		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.								
A&S	PSY	PSY	2110	Statistics for the Behavioral Sciences	Lecture	4	0	1M; ACSW; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PSY 1110 or MATH 1060 or MATH 1200 or MATH 1500 or ET 2400 or Math placement level 2 or higher) and WARNING: not COMS 3520 or MATH 2500 or QBA 2010 or ISE 3200 or ET 2450 or LET 3555.						
		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, ISE 3200, ET 2450 or LET 3555.								
A&S	PSY	PSY	2111	Statistics for the Behavioral Sciences I	Lecture	2	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 1200 or MATH 1300 or MATH 2301 or Math placement level 2 or higher and WARNING: No credit if taken after COMS 3520, MATH 2500, PSY 2110, or QBA 2010,						
		COURSE DESC:		Introduction to descriptive and inferential statistics with a focus on descriptive statistics and an introduction to null hypothesis testing. This course is part of a two-course sequence (PSY2111 and PSY2112) that is equivalent to PSY2110.								
A&S	PSY	PSY	2112	Statistics for the Behavioral Sciences II	Lecture	2	0	1M	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 2111 and WARNING: No credit if taken after COMS 3520, MATH 2500, PSY 2110, or QBA 2010						
		COURSE DESC:		Introduction to descriptive and inferential statistics with an emphasis on bivariate inferential statistics. This course is part of a two-course sequence (PSY2111 and PSY2112) that is equivalent to PSY2110.								
A&S	PSY	PSY	2120	Research Methods in Psychology	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 101D or 1010 and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)						
		COURSE DESC:		Training in scientific methods and techniques of modern experimental psychology with individual reports of experiments.								
A&S	PSY	PSY	2201A	Honors Experience: Physiological Psychology	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	PSY 2210 concurrently and Ohio Honors student NC						
		COURSE DESC:		OHIO Honors curricular experience in Physiological Psychology								
A&S	PSY	PSY	2210	Physiological Psychology	Lecture	3	0	ACNW	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010						
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	2210A	Honors Experience: Physiological Psychology	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC								
		COURSE DESC:		OHIO Honors curricular experience in Physiological Psychology								
A&S	PSY	PSY	2310	Cognitive Psychology	Lecture	3	0	ACNW	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PSY	PSY	2410	Child and Adolescent Psychology	Lecture	3	0	ACNW	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
A&S	PSY	PSY	2420	Educational Psychology	Lecture	3	0	ACNW	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 and WARNING: not EDHP 2700 or EDTE 2000 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	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 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	Discussion	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 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	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 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	Psychopathology	Lecture	3	0	ACNW	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 Development, presentation, and assessment of psychological disorders, with evaluation of major etiological theories and research findings.								
A&S	PSY	PSY	2720	Psychology of Personality	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010 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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR								
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.								
A&S	PSY	PSY	2970T	Psychology Tutorial	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR								
		COURSE DESC:		REQUISITE: HTC Tutorial experience on a wide range of topics.								
A&S	PSY	PSY	2971T	Psychology Tutorial	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR								
		COURSE DESC:		REQUISITE: HTC Tutorial experience on a wide range of topics.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	2980T	Psychology Tutorial	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	PSY	PSY	3410	Behavior Genetics and Individual Differences	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	3420	Psychology of Adulthood and Aging	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in PSY including 101D or 1010 (2410 is recommended) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CFS 2720						
		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	Lecture	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	Lecture	3	0	BDP	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	Lecture	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	Lecture	3	0	BER	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 ethical 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	Lecture	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	3610	Survey of Industrial and Organizational Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3620	Organizational Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3630	Personnel Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3640	Occupational Health Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3710	Clinical and Counseling Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3810	Environmental Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	3820	Sport Psychology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
A&S	PSY	PSY	3910	Fieldwork in Psychology	Internship	1 to 4	4	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	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.								
A&S	PSY	PSY	3920	Teaching Practicum	Practicum	1 to 4	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	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.								
A&S	PSY	PSY	3940	Research in Psychology	Research	1 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and PSY 2120						
		COURSE DESC:		Supervised independent research on predefined problem.								
A&S	PSY	PSY	3970T	Psychology Tutorial	Tutorial	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	3980T	Psychology Tutorial	Tutorial	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	4010	History and Systems of Psychology	Lecture	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	Lecture	3	0	3; CAP	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	4330	Choices & Happiness	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Senior rank, PSY1010 and (PSY2110 or COMS3520 or ECON3070 or GEOG 2710 or GEOL 3050 or MATH2500 or PBIO 3150 or POLS 2800 or QBA 2010).						
		COURSE DESC:		Choices and Happiness synthesizes research from different areas of psychology and related fields (e.g., marketing, economics, nutrition) addressing our quest for happiness within an imperfect cognitive decision making system. The course elucidates judgment biases and errors that prevent us from making better life decisions, from poor food choices to the perils of overusing social media. Choices and Happiness is a deep exploration into the science of self-control, goal attainment, and maintenance.								
				Students explore facets of problematic decision making such as planning fallacies, procrastination, and multi-tasking. Research in the psychology of judgment touches upon judgment fallacies that contribute to unhealthy life patterns in many areas, such as erroneous beliefs about the costs of eating nutritious foods. The class uses a decision architecture approach to address the development of systems that enhance well-being in different life domains.								
A&S	PSY	PSY	4410	Prenatal Influences on Development	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	4720	Human Stress	Lecture	3	0	3; BDP; CAP	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 draws 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	Lecture	3	0	3; CAP	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	Seminar	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 Study	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	Seminar	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	Tutorial	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	Tutorial	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	Tutorial	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.								
A&S	PSY	PSY	4980T	Psychology Tutorial	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Special tutorial offered to students in the Honors Tutorial program.								
A&S	PSY	PSY	4990H	Honors Work in Psychology	Tutorial	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Departmental honors						
		COURSE DESC:		PR Independent departmental honors research thesis under supervision of psychology faculty member.								
A&S	PSY	PSY	5110	Statistics for the Behavioral Sciences	Lecture	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, ISE 3200, ET 2450.								
A&S	PSY	PSY	5111	Advanced Statistics for the Behavioral Sciences	Lecture	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	Lecture	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.								

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A&S	PSY	PSY	5121	Tests and Measurements	Lecture	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	Lecture	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	Seminar	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	Lecture	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	Laboratory	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
				PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PSY 6111 or 621						
				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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PSY 6111 or 621						
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
				PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
				PR								
		COURSE DESC:		Biological basis of behaviors with emphasis on central nervous system and neurological disorders.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	6310	Cognitive Processes	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Standing								
		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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Standing								
		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.								
A&S	PSY	PSY	6610	Survey of Industrial and Organizational Psychology	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	6900	Special Topics in Psychology	Lecture	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	6930	Readings in Psychology	Ind Study	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								
A&S	PSY	PSY	6950	Thesis	Thesis	.5 to 8	35		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Develop and complete a thesis.								
A&S	PSY	PSY	6970	Preparing Psychology Papers	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Seminar	1	4		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6112								
		COURSE DESC:		PR 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6111 or 621								
		COURSE DESC:		PR 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6112								
		COURSE DESC:		PR 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6112								
		COURSE DESC:		PR Modeling causality using linear models as in confirmatory factor analysis and structural equation modeling.								
A&S	PSY	PSY	7170	Health Statistics	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7210	Neuropsychology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6710 or concurrent PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								
A&S	PSY	PSY	7250	Health Psychology	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6710 and 7210 and 7920 PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PSY 7250 and 7750 CR								
		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	Practicum	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: PSY 7250 and 7750 CR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310 PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310 PR								
		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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PSY 6310 PR								
		COURSE DESC:		Lectures and readings covering theoretical works in field of learning.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7350	Concept Learning and Categorization	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6310 CR, PR								
		COURSE DESC:		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.								
A&S	PSY	PSY	7360	Mathematical Modeling of Cognition	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7625	Employee Turnover and Retention	Seminar	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	Seminar	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Provides student with a survey of the issues in the performance appraisal/performance management area.								
A&S	PSY	PSY	7633	Selection and Placement	Seminar	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	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Internship	.5 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	Internship	.5 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	7920	Clinical Practicum	Practicum	3	18		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6730 and 6740 and graduate student in psychology CR, PR								
		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	Practicum	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6730 and 6740 and 7920 CR, PR								
		COURSE DESC:		Advanced practicum experience for doctoral students in clinical psychology. Psychological services provided under supervision in a clinical setting.								
A&S	PSY	PSY	7926	Practicum in Teaching of Psychology	Practicum	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PSY 7960 and concurrently assigned to teach PR, F								
		COURSE DESC:		Mentored teaching experience for graduate student instructors in the Department of Psychology.								
A&S	PSY	PSY	7930	Readings in Psychology	Ind Study	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	Research	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate student in psychology PR								
		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	Lecture	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	Seminar	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	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Course topics vary.								
A&S	PSY	PSY	8903	Advanced Seminar in Psychology: Cognitive	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and PSY 6310 CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	PSY	8904	Advanced Seminar in Psychology: Developmental	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	PSY	8905	Advanced Seminar in Psychology: Social	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and PSY 6510 CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	PSY	8906	Advanced Seminar in Psychology: Industrial/Organizational	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	PSY	8907	Advanced Seminar in Psychology: Clinical	Seminar	3	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	PSY	8908	Advanced Seminar in Psychology: General	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	PSY	8920	Clinical Supervision	Practicum	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	Research	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Student may assist in the planning, designing, data collection, interpretation, and writing of research projects.								
A&S	PSY	PSY	8942	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:										
A&S	PSY	PSY	8943	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8944	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8945	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8946	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8947	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8948	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	PSY	8949	ADVANCED SEMINAR	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:										
A&S	PSY	PSY	8950	Dissertation	Thesis	.5 to 15	35		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Develop and complete a dissertation.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	T3	4800	War: Human Response	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	1010	Introduction to Cultural Anthropology	Lecture	3	0	2CP; ACNW; FIE	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 demonstrate a fundamental understanding of human diversity.								
A&S	SOC	ANTH	2010	Introduction to Biological Anthropology	Lecture	3	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course covers topics on human evolution and modern human diversity, focusing on humanity's biological roots and modern appearance. To understand the present human physical and social condition, we must understand our evolutionary past. This course reconstructs this past utilizing data from the primate fossil record as well as comparative evidence from modern monkeys and apes. This is a science course based on evolutionary biology. At the end of the course, students will better understand where humans fit into the animal kingdom, as well as how those characteristics that make humans unique may have evolved. The course addresses: the place of humans within the mammalian evolutionary lineage; evolutionary theory; human population genetics; behavior of monkey and apes; and human evolution and modern human diversity.								
A&S	SOC	ANTH	2020	Introduction to World Archaeology	Lecture	3	0	2CP; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides students with an introduction to the diversity of the human past through the science of anthropological archaeology. Through an overview of world prehistory, it focuses on the archaeological record and the methods that archaeologists use to study the past.								
A&S	SOC	ANTH	2700	Social Justice	Lecture	3	0	2SS; ACNW; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on the theory and practice of social justice, providing critical thinking and social consciousness skills necessary for effective analysis and advocacy leading to social transformation. It offers a social and cultural approach that enables students to understand and respond to social disparities and structural inequalities associated with race, class, ethnicity, gender, sexuality, citizenship, religion, and other categories. The course considers issues in local, national, and global arenas.								
A&S	SOC	ANTH	2900	Special Topics in Anthropology	Lecture	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	SOC	ANTH	2970T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC								
				CR, PR								
				Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	ANTH	2971T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC								
				CR, PR								
				Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	ANTH	2980T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC								
				CR, PR								
				Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	ANTH	2981T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				HTC								
				CR, PR								
				Honors Tutorial on topics in Anthropology.								
A&S	SOC	ANTH	3010	Visual Anthropology	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ANTH 1010								
				This course approaches photography and film as modes for representing and interpreting culture. The course examines the genre of ethnographic cinema and its relationship to wider discussions about documentary and nonfiction film. The course also considers the place of the photo essay in anthropological scholarship. Building on this dual foundation, students apply theories and methods from visual anthropology to produce a multimodal (visual and verbal) ethnographic essay with a clearly defined visual approach. Combining photography and ethnography, students generate primary-source images to anchor an original social analysis through careful and critical attention to the ethics and politics of images in anthropological research and representation.								
A&S	SOC	ANTH	3020	Media Anthropology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ANTH 1010								
				This course introduces media anthropology as a subfield within cultural anthropology and explores theoretical and ethnographic issues relevant to the study of media related practices in the social lives of living communities.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3400	Applied Anthropology	Lecture	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	Lecture	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.								
A&S	SOC	ANTH	3460	Introduction to Human Osteology	Laboratory	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 2010 or LET 1450 or BIOS 1710						
		COURSE DESC:		This course focuses on the identification, study, and analysis of the human skeleton. Students learn the micro-anatomy and macro-anatomy of human bone, the development and structure of the human skeleton, and the recognition and analysis of human remains. Through the course, students learn basic laboratory practices of skeletal recognition and analysis as well as new techniques in the field.								
A&S	SOC	ANTH	3460	Introduction to Human Osteology	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 2010 or LET 1450 or BIOS 1710						
		COURSE DESC:		This course focuses on the identification, study, and analysis of the human skeleton. Students learn the micro-anatomy and macro-anatomy of human bone, the development and structure of the human skeleton, and the recognition and analysis of human remains. Through the course, students learn basic laboratory practices of skeletal recognition and analysis as well as new techniques in the field.								
A&S	SOC	ANTH	3490	Life History: The Individual and Culture	Lecture	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	Lecture	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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 1010						
		COURSE DESC:		This course examines political life from a broad global and cross-cultural perspective using approaches developed in political anthropology. The course draws on examples from various societies and organizational forms in order to develop comparative frameworks and examine the relationships among political thought, political structuration and political action.								
A&S	SOC	ANTH	3530	Anthropology of Violence and Peace	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 1010						
		COURSE DESC:		This course examines religion from an anthropological perspective through attention to healing systems, divinity, spirituality, the sacred, religious movements, religious leadership, ritual, magic, witchcraft, ancestor veneration and pilgrimage. The course considers the place of religion in everyday life, the study of religion in social science theory, moral and ethical reasoning, symbolism, ideology, idealism, materialism, individual and collective empowerment, and articulations between religion and other aspects of culture. The course considers a variety of religious systems around the world.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3590	Before the Sickle and Plow: Archaeology of Foraging Societies	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
A&S	SOC	ANTH	3670	South American Prehistory	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	3830	Cultures of Latin America	Lecture	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	Lecture	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	Lecture	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 Study	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	15 Hours in ANTH						
		COURSE DESC:		Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.								
A&S	SOC	ANTH	3970T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Anthropology.								
A&S	SOC	ANTH	3980T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Anthropology.								
A&S	SOC	ANTH	4250	Ethnographies of Global Capitalism	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 1010						
		COURSE DESC:		This course explores ethnographies and histories of capitalism across different cultural contexts, past and present. We look at the dynamics of capitalist production, circulation, and consumption; the intersections between local and global economies; the cultural features of different kinds of markets (street bazaars, trading rooms, informal markets, etc); the uneven distribution of development across the global North and South. We assess forms of inclusion and exclusion in the contemporary global economy.								
A&S	SOC	ANTH	4470	Forensic Anthropology	Lecture	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	Lecture	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	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	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	Seminar	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	4620	Human Rights, Law and Justice	Lecture	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	Lecture	3	0	3; CAP	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	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ANTH 1010 and 2010 and 2020) and (12 credit hours in ANTH) and (Jr or Sr)								
		COURSE DESC:		This course explores issues surrounding the evolution of humans, human ancestors, and their close relatives, focusing on how selective pressures have shaped the evolution of hominins.								
A&S	SOC	ANTH	4740	Zooarchaeology	Laboratory	3	0	BLD	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	Lecture	3	0	BLD	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	4750	Lithic Analysis: Stone Tools and Human Behavior	Seminar	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in ANTH including ANTH 2020 and (Jr or Sr)								
		COURSE DESC:		This course focuses on the study of stone tools in archaeology. We conduct laboratory analyses of artifacts, where students learn to describe stone tools and the debris of making stone tools. We also read foundational works in archaeology and anthropology, which relate to the use, manufacture, and interpretation of stone tools. This literature provides a theoretical foundation to allow students to better interpret prehistoric behavior and technology.								
A&S	SOC	ANTH	4900	Special Topics in Anthropology	Lecture	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	Internship	1 to 3	3	BLD	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	Seminar	4	8	BLD	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	Research	3	6	BLD	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	Research	3	0	BLD	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	Seminar	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.								

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A&S	SOC	ANTH	4942	Seminar in Biological Anthropology	Seminar	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	Lecture	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	Lecture	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	Seminar	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	Lecture	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.								
A&S	SOC	ANTH	4970T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Thesis work in Anthropology.								
A&S	SOC	ANTH	4980T	Anthropology Tutorial	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Thesis work in Anthropology.								
A&S	SOC	ANTH	5010	Visual Anthropology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course approaches photography and film as modes for representing and interpreting culture. The course examines the genre of ethnographic cinema and its relationship to wider discussions about documentary and nonfiction film. The course also considers the place of the photo essay in anthropological scholarship. Building on this dual foundation, students apply theories and methods from visual anthropology to produce a multimodal (visual and verbal) ethnographic essay with a clearly defined visual approach. Combining photography and ethnography, students generate primary-source images to anchor an original social analysis through careful and critical attention to the ethics and politics of images in anthropological research and representation.								
A&S	SOC	ANTH	5020	Media Anthropology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces media anthropology as a subfield within cultural anthropology and explores theoretical and ethnographic issues relevant to the study of media related practices in the social lives of living communities.								
A&S	SOC	ANTH	5250	Ethnographies of Global Capitalism	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores ethnographies and histories of capitalism across different cultural contexts, past and present. We look at the dynamics of capitalist production, circulation, and consumption; the intersections between local and global economies; the cultural features of different kinds of markets (street bazaars, trading rooms, informal markets, etc); the uneven distribution of development across the global North and South. We assess forms of inclusion and exclusion in the contemporary global economy.								
A&S	SOC	ANTH	5450	Gender in Cross-Cultural Perspective	Lecture	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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on the identification, study, and analysis of the human skeleton. Students learn the micro-anatomy and macro-anatomy of human bone, the development and structure of the human skeleton, and the recognition and analysis of human remains. Through the course, students learn basic laboratory practices of skeletal recognition and analysis as well as new techniques in the field.								

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A&S	SOC	ANTH	5460	Introduction to Human Osteology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on the identification, study, and analysis of the human skeleton. Students learn the micro-anatomy and macro-anatomy of human bone, the development and structure of the human skeleton, and the recognition and analysis of human remains. Through the course, students learn basic laboratory practices of skeletal recognition and analysis as well as new techniques in the field.								
A&S	SOC	ANTH	5470	Forensic Anthropology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Survey of ways of growing up in various cultures; emphasizes the relationship between the individual and culture.							
A&S	SOC	ANTH	5500	Economic Anthropology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines political life from a broad global and cross-cultural perspective using approaches developed in political anthropology. The course draws on examples from various societies and organizational forms in order to develop comparative frameworks and examine the relationships among political thought, political structuration and political action.								
A&S	SOC	ANTH	5520	Anthropological Archaeology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Explores contemporary archaeology in which goals, methods, and theory are considered within the framework of science.							
A&S	SOC	ANTH	5530	Anthropology of Violence and Peace	Lecture	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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.							

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A&S	SOC	ANTH	5568	Writing for Social Justice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course combines writing instruction with a focus on using the tools of social science to promote active citizenship and bring about systemic change on issues of vital social concern. Social justice topics considered range from access to education and healthcare; environmental degradation; poverty and economic power; discrimination based on race, gender, and sexuality; reforming and reimagining criminal justice; immigrant and refugee rights; ableism and disability justice; corporate globalization; settler colonialism; warfare, militarism, and conflict transformation; and community empowerment and transformative organizing, among others. Through a focus on written communication, the course trains students in effective writing for social transformation, with special attention to the emancipatory potential of social science.								
A&S	SOC	ANTH	5570	Anthropology of Religion	Lecture	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	Lecture	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	Seminar	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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.								
A&S	SOC	ANTH	5670	South American Prehistory	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	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.								

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A&S	SOC	ANTH	5730	Human Evolution	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores issues surrounding the evolution of humans, human ancestors, and their close relatives, focusing on how selective pressures have shaped the evolution of hominins.								
A&S	SOC	ANTH	5740	Zooarchaeology	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5750	Lithic Analysis: Stone Tools and Human Behavior	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on the study of stone tools in archaeology. We conduct laboratory analyses of artifacts, where students learn to describe stone tools and the debris of making stone tools. We also read foundational works in archaeology and anthropology, which relate to the use, manufacture, and interpretation of stone tools. This literature provides a theoretical foundation to allow students to better interpret prehistoric behavior and technology.								
A&S	SOC	ANTH	5760	Culture Contact and Change	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				Impacts of cultures upon one another; immediate and subsequent cultural adaptations; theory of change.								
A&S	SOC	ANTH	5770	Peasant Communities	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.								
A&S	SOC	ANTH	5830	Cultures of Latin America	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				PR								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	ANTH	5850	Cultures of Southeast Asia	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics of current theoretical concern relating to southeast Asia.								
A&S	SOC	ANTH	5900	Special Topics in Anthropology	Lecture	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	SOC	ANTH	5911	Field School in Ohio Archaeology	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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 Study	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.								
A&S	SOC	ANTH	5941	Seminar in Cultural Anthropology	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.								
A&S	SOC	ANTH	5945	Seminar: Special Topics	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.								
A&S	SOC	ANTH	5960	Human Diversity	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Exploration of human biological diversity including, genetics, physiology, morphology, demography, and behavior.								
A&S	SOC	SOC	1000	Introduction to Sociology	Lecture	3	0	2SS; PSBS	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	2000	Contemporary Social Problems	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the complexity of contemporary social problems and the claims-making process through which scientists, journalists, activists, politicians, and agents of other media forms identify, contest, and seek solutions for 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	2020	Exploring Careers in Sociology	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course helps students explore career paths in a broad array of fields relating to sociology, sociology-criminology, and sociology-prelaw. Sociological training prepares students for a wide variety of career options, and many organizations--corporate, non-profit, and public--rely on social science research methods to assess goals and operations, solve workplace problems, improve information-gathering processes, design and implement policy, locate and apply for grants, and to increase market share. Sociology majors are well equipped to evaluate problems holistically, analyze the risk and benefits associated with decision-making, and implement changes that improve systemic outcomes. In SOC 2020, students assess their skills, explore professional interests, forge network contacts, learn about grants and grant writing, and learn how to document and communicate their sociological training and expertise in ways that employers find valuable. Students also learn about opportunities for advanced study in graduate programs or law schools, and explore and practice skills needed for successful application to these programs.								
A&S	SOC	SOC	2100	Introduction to Social Psychology	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores how people collectively give meaning to social situations, and how people's thoughts, feelings, and behaviors are influenced by the actual, imagined, and implied presence of others. Topics include reality as a social construction; processes of socialization; the role of social interaction, language, and reference groups in the development of the self; how norms, identities, values, roles, and situations influence the individual; emotional labor and how individuals negotiate stigmatized social identities; and social psychological dynamics in relation to race, gender, class, and sexualities. Students will use critical thinking to analyze and evaluate collective constructions of meaning and their own social identities and perceptions of situations.								
A&S	SOC	SOC	2110	Collective Behavior	Lecture	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	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines the family system in the United States and across cultures, including the ways family structures both reinforce and challenge gender roles. Sociological and gender-based theories of the family are explored as well as the complex relationships among marriage, parenting, work, and family. Students use critical thinking and ethical reasoning to investigate these relationships and consider issues of family policy. Varieties of family experience are considered, with special attention given to issues concerning competing definitions of the family.								
A&S	SOC	SOC	2210	Animals and Human Society	Lecture	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores 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 perpetuate hierarchical human relationships. Moral, philosophical, and scientific debates regarding animal-human relations are examined critically, and students critically discuss the future of the animal-human relationship in the context of a changing climate.								
A&S	SOC	SOC	2300	Social Inequalities and Social Change	Lecture	3	0	2SS; ACNW; FIE	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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 and 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. In its breadth the course promotes critical analysis of the dynamics and presence of social inequality and social change in the larger society and everyday lives of students. 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	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course uses a sociological perspective to explore issues of health, illness, and health care among diverse populations in contexts of social inequality. It examines social and cultural patterns of health and illness, the influence of the social environment on health behavior, social inequality and health status, medical education, the social organization of health care delivery in the United States, comparative health care delivery systems, complementary and alternative medicine, emerging social issues raised by new medical technologies, and health care policy. Students use critical thinking and ethical reasoning to evaluate and address inequalities in the practice of United States health care, including disparities in health care delivery, power dynamics in the physician-patient relationship, the ethical obligations of physicians, and discrimination in health care practice based on class, gender, race, and sexualities.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	2330	Sociology of Sport	Lecture	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	2380X	Global Social Change	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		What is driving global social change? How does social transformation occur? This course uses the tools of sociology to explore the complex ways that contemporary politics, economics, culture, technology, and protest movements are transforming our increasingly interconnected world. We begin by exploring how theories and research from sociology and related fields can help us make sense of these important global changes. We then turn to explore the dynamics of social change from five different perspectives, including politically-driven change, economically-driven change, culturally-driven change, technology-driven change, and change driven by popular global protest and social movements. Along the way, we will consider a wide range of social issues and urgent social problems, including the effects of neoliberalism, the politicization of COVID-19 and other epidemics, the interplay between religion and law, how social media is transforming civic engagement, and movements for gender recognition and equality. Our course concludes by considering new forms of social movements that call for innovative solutions to the challenges of our changing global world.								
A&S	SOC	SOC	2400	Breaking the Law	Lecture	3	0	2SS; ACNW; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This interdisciplinary course explores central questions about law, crime, justice, social change, human rights, globalization, and technology in the new global era. The dominant global forces that have defined the 21st century have massively transformed law and legal frameworks, at both local and global levels. How is violence enacted through law, and how is law's violence resisted, challenged, and overcome? What is law's role in relation to patterns of discrimination and marginalization that produce social suffering and vulnerability? In relation to global human rights regimes and international justice mechanisms? In relation to inequalities in access to health care and other basic human goods? How are our understandings of our own bodies, lives, and futures shaped by law?								
A&S	SOC	SOC	2600	Criminal Justice	Lecture	3	0	ACNW	N	U30		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 the United States criminal justice system, including criminal justice personnel, people apprehended and convicted of crimes, and victims of crimes. An emphasis is placed on how criminal justice practice is based on politically derived public policies and the use of discretion by criminal justice personnel. Students use critical thinking and ethical reasoning to analyze the practice of these agencies. Topics include but are not limited to criminal law, policing, court systems, sentencing, and corrections.								
A&S	SOC	SOC	2610	Deviant Behavior	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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. Also investigates how individuals and groups manage deviant labels, embrace deviant identities, and use deviant behavior to challenge social norms and produce social change. Case studies of specific forms of deviant behavior, including criminality, substance abuse, and mental illness, will be explored.								
A&S	SOC	SOC	2800	Gender, Crime, and Law	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SOC 1000						
		COURSE DESC:		This course explores the gendered nature of crime and criminal justice in the United States from a sociological perspective. Students investigate gendered pathways into criminal offending; gendered patterns and behaviors of offending and ceasing offending; gendered patterns and behaviors of victimization; gendered organization, behaviors, and experiences of policing, prosecution, punishment, and incarceration; and gendered work, behaviors, and representation within justice professions. The course employs sociological theories and methodologies that emphasize the social construction of gender, social structure and social inequality, and the intersections between gender, sexuality, race, class, and age.								
A&S	SOC	SOC	2900	Special Topics in Sociology	Lecture	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	SOC	2970T	Honors Tutorial in Sociology	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors tutorial on topics in Sociology for first year students. Topics vary.								
A&S	SOC	SOC	2971T	Sociology Honors Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors tutorial on topics in Sociology for second year students. Topics vary.								
A&S	SOC	SOC	2980T	Honors Tutorial in Sociology	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors tutorial on topics in Sociology for first year students. Topics vary.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	2981T	Honors Tutorial in Sociology	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Honors tutorial on topics in Sociology for second year students. Topics vary.								
A&S	SOC	SOC	3000	Development of Sociological Theory	Lecture	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	Lecture	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	3090C	Sociology of Appalachia	Lecture	3	0	BDP; BLD	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	Lecture	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	Lecture	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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		Students explore race and ethnic relations from a sociological perspective. Topics considered include the development of ideas of race and ethnicity, sociological theories and scholarship that explain the social location of various racial and ethnic groups, how race and ethnicity intersect with other statuses, stratification and patterns of racial inequality and privilege, the experiences of different ethnic groups in U.S. society, the causes and consequences of prejudice and discrimination, media representations of race and ethnicity, and past and current social movements seeking to address racial and ethnic inequality.								
A&S	SOC	SOC	3300	Sociology of Poverty	Lecture	3	0	BDP	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 numerous forms of poverty and its consequences, the cultural frameworks through which poverty is lived and experienced, and strategies and policy solutions for fighting poverty.								
A&S	SOC	SOC	3310	Class and Inequality	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		This course explores the causes and consequences of inequalities in power, privilege, and opportunities, which characterize the class structure of most societies. Students investigate how social forces shape where people are positioned in society and what resources they have access to. Students also consider how other social positions, including race, ethnicity, nationality, religion, gender, and sexual orientation, work together with class to create intersecting systems of oppression and privilege. Students analyze the role of ideology and contemporary media in legitimizing and sustaining unequal treatment, and explore how social inequality shapes their own lives and opportunities. Students evaluate the role of social movements and public policy efforts to address inequality and create lasting structural change.								
A&S	SOC	SOC	3325	Access to Justice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 hours in SOC including SOC 1000								
		COURSE DESC:		Access to Justice examines how structural inequalities lead to regional, national, and global justice gaps. The course investigates needs and problems confronted by communities; disparities in access to information and legal resources; how groups perceive and employ the justice system; representation and inclusion within the legal profession; and the attainment of substantively just outcomes. The course then explores strategies to address these concerns, including approaches traditionally employed by the legal profession and innovative legal, social, technological, and architectural solutions designed to bridge gaps between communities and justice.								
A&S	SOC	SOC	3350	Economic Sociology	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	3400	Population and Society	Lecture	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	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 Hours in SOC including 1000						
		COURSE DESC:		In this course, students investigate immigration in the United States and around the world. Students first explore 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 then consider diverse topics such as settlement patterns, education, identity, language, the second generation, religion, and integration. Students apply these topics to issues of public policy, addressing the shortcomings of past and present policies and considering potential future solutions based on social science research. Finally, students explore the challenges of global migration, especially in relation to social stratification.								
A&S	SOC	SOC	3500	Elementary Research Techniques	Lecture	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	Lecture	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	Seminar	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in (ANTH or SOC)						
		COURSE DESC:		This junior-level writing composition course provides writing instruction combined with consideration of substantive topics in sociology and anthropology research. The course addresses the disciplinary conventions that guide formatting, organization, and stylistic choices appropriate for the fields of sociology and anthropology. The course emphasizes the context and purpose of various genres of anthropological and sociological writing, with special attention to the politics and praxis of social science representation, argumentation, citation, and credibility. Students practice various styles of social science writing, including data analysis, field notes, abstracts, essays, grant proposals, position papers, and social media. Through a focus on written communication, students improve their academic writing while also reflecting on how and why sociologists and anthropologists tell their stories about the world in the way that they do.								
A&S	SOC	SOC	3561J	Writing in Food, Hunger, and Inequality	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	6 hours in SOC including SOC 1000						
		COURSE DESC:		This course combines writing instruction with in-depth consideration of substantive topics such as but not limited to famine, hunger/food insecurity, food justice, food politics, food sovereignty, and food systems as the foundation and inspiration for developing one's writing abilities. Students develop skills in various styles of sociological writing including book reviews, blogs, critical reflection essays, field notes, interview composition, policy briefs, and research papers, among others.								
A&S	SOC	SOC	3568J	Writing for Social Justice	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or 1610) and (ANTH 2700 or SOC 2700 or 6 hrs in ANTH or 6 hours in SOC)						
		COURSE DESC:		This course combines writing instruction with a focus on using the tools of social science to promote active citizenship and bring about systemic change on issues of vital social concern. Social justice topics considered range from access to education and healthcare; environmental degradation; poverty and economic power; discrimination based on race, gender, and sexuality; reforming and reimagining criminal justice; immigrant and refugee rights; ableism and disability justice; corporate globalization; settler colonialism; warfare, militarism, and conflict transformation; and community empowerment and transformative organizing, among others. Through a focus on written communication, the course trains students in effective writing for social transformation, with special attention to the emancipatory potential of social science.								
A&S	SOC	SOC	3600	Criminology	Lecture	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	3600A	Honors Experience: Criminology	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	Student in the OHIO Honors program						
		COURSE DESC:		NC	OHIO Honors curricular experience in Criminology							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	3620	Ethics in Law, Crime, and Justice	Lecture	3	0	BER	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				This course invites students to combine sociological reasoning with ethical theory to analyze and respond to ethical concerns prevalent in the practice of law, criminology, and criminal justice. Sociological reasoning allows students to analyze the contexts in which ethical problems arise and assess the impact of social inequality and institutional discrimination. Ethical theory provides frameworks for decision-making and evaluating appropriate responses to situational dilemmas faced by policy-makers and justice practitioners. Topics explored will include ethical issues in the making of law and public policy and ethical decision-making by actors practicing in justice institutions. Students will investigate contemporary cases of judicial misconduct, police brutality, treatment of prisoners, and the use of experimental drugs in executions, among many other topics.								
A&S	SOC	SOC	3630	Juvenile Delinquency	Lecture	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				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	Lecture	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				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	Lecture	3	0		N	U30	CORRESPOND	66
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				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.								
A&S	SOC	SOC	3675	Drugs, Crime, and Society	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				This course examines drug use in U.S. society and the societal consequences in relation to crime and the criminal justice system. Students explore patterns of drug use, populations of drug users, drug markets, norms and characteristics of the society in which drug use occurs, and social dynamics that influence legality. Students then analyze crime and criminal justice in relation to drug use, investigating connections 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. Students critically explore prevention, intervention, and treatment tactics used in the U.S. criminal justice system, and analyze public policy developed in response to drug related issues.								
A&S	SOC	SOC	3685	Human Trafficking	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				This course examines human trafficking and efforts to combat it. Students investigate the causes of human trafficking, how human trafficking unfolds, and its effects on victims; examine competing frames and social constructions of human trafficking; analyze and assess governmental, non-governmental, and social movement organizations' attempts to eradicate human trafficking; analyze media depictions of human trafficking; and critically evaluate anti-trafficking policies and programs and their effectiveness.								
A&S	SOC	SOC	3720	Sociology of Masculinity	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				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 Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: Permission required								
				CR								
				Independent directed readings designed to expand student's understanding in selected area of interest.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	3970T	Sociology Honors Tutorial	Tutorial	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	Tutorial	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	4320	Political Sociology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including (1000 and 3500)								
				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	4610	Crime and Media	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				This course examines media representations of crime and criminal justice, as well as the relationship between the media and criminal justice institutions. Students investigate moral panics, crime myths, and crime's contested cultural meanings; how media representations influence law and public policy; how media portrays special types of offenders; how media depicts and engages with crime victims; and how media represents and shapes our criminal justice institutions. Students learn and apply sociological theories regarding the relationship between media, crime, and criminal justice.								
A&S	SOC	SOC	4620	Sociology of the Courts	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000								
				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	4660	Transforming Criminal Justice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 hours in SOC including SOC 2600								
				In this course, students explore criminal justice policy, reform, and transformation. Students study historical and contemporary movements for criminal justice reform, consider perspectives and ideas of communities and criminal justice professionals, and consider perspectives of formerly incarcerated individuals. Students explore police abolition and prison abolition movements and consider tensions between advocates for gradual reform and groups seeking fundamental transformation of the criminal justice system. Students also learn how to use their sociological expertise effectively as a tool for change.								
A&S	SOC	SOC	4670	Violence Against Women	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	4700	Sociology of Gender	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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	4710	Gender and Justice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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	4810	Environmental Sociology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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.								
A&S	SOC	SOC	4900	GRADUATE PROSEMINAR IN SOCIOLOGY	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		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	Internship	3 to 9	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required and SOC 3500 and sociology major and Sr only						
		COURSE DESC:		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	Research	1 to 6	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required and 15 hours in SOC including (404 or 3000) and 3500						
		COURSE DESC:		Individual research in specific problem areas in which student has demonstrated ability and interest.								
A&S	SOC	SOC	4940H	Honors Thesis in Sociology	Research	3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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.								
A&S	SOC	SOC	4950	Sociology Capstone	Seminar	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	18 Hours in SOC including 3000 and 3500 and Sr only						
		COURSE DESC:		Students apply and integrate knowledge and techniques from their coursework to complete a sociological research or applied project. Students review literature, collect and analyze data, engage in peer review, and learn skills for effective professional presentation of their work. Students also learn about careers in sociology, opportunities for advanced study, and communication skills to make their sociological training and expertise meaningful to the general public. Topics vary according to instructor.								
A&S	SOC	SOC	4970T	Sociology Tutorial	Tutorial	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	Tutorial	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5140	Contemporary Social Movements	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5325	Access to Justice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Access to Justice examines how structural inequalities lead to regional, national, and global justice gaps. The course investigates needs and problems confronted by communities; disparities in access to information and legal resources; how groups perceive and employ the justice system; representation and inclusion within the legal profession; and the attainment of substantively just outcomes. The course then explores strategies to address these concerns, including approaches traditionally employed by the legal profession and innovative legal, social, technological, and architectural solutions designed to bridge gaps between communities and justice.								
A&S	SOC	SOC	5330	Sociology of Work	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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	5400	Population and Society	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5400	Population and Society	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5500	Data Analysis	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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	5561	Writing in Food, Hunger, and Inequality	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course combines writing instruction with in-depth consideration of substantive topics such as but not limited to famine, hunger/food insecurity, food justice, food politics, food sovereignty, and food systems as the foundation and inspiration for developing one's writing abilities. Students develop skills in various styles of sociological writing including book reviews, blogs, critical reflection essays, field notes, interview composition, policy briefs, and research papers, among others.								
A&S	SOC	SOC	5561	Writing in Food, Hunger, and Inequality	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course combines writing instruction with in-depth consideration of substantive topics such as but not limited to famine, hunger/food insecurity, food justice, food politics, food sovereignty, and food systems as the foundation and inspiration for developing one's writing abilities. Students develop skills in various styles of sociological writing including book reviews, blogs, critical reflection essays, field notes, interview composition, policy briefs, and research papers, among others.								
A&S	SOC	SOC	5610	Crime and Media	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course examines media representations of crime and criminal justice, as well as the relationship between the media and criminal justice institutions. Students investigate moral panics, crime myths, and crime's contested cultural meanings; how media representations influence law and public policy; how media portrays special types of offenders; how media depicts and engages with crime victims; and how media represents and shapes our criminal justice institutions. Students learn and apply sociological theories regarding the relationship between media, crime, and criminal justice.								
A&S	SOC	SOC	5620	Sociology of the Courts	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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	5640	Law in Societies	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5650	Social Change	Lecture	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	5660	Transforming Criminal Justice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course, students explore criminal justice policy, reform, and transformation. Students study historical and contemporary movements for criminal justice reform, consider perspectives and ideas of communities and criminal justice professionals, and consider perspectives of formerly incarcerated individuals. Students explore police abolition and prison abolition movements and consider tensions between advocates for gradual reform and groups seeking fundamental transformation of the criminal justice system. Students also learn how to use their sociological expertise effectively as a tool for change.								
A&S	SOC	SOC	5670	Violence Against Women	Lecture	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	5675	Drugs, Crime, and Society	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines drug use in U.S. society and the societal consequences in relation to crime and the criminal justice system. Students explore patterns of drug use, populations of drug users, drug markets, norms and characteristics of the society in which drug use occurs, and social dynamics that influence legality. Students then analyze crime and criminal justice in relation to drug use, investigating connections 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. Students critically explore prevention, intervention, and treatment tactics used in the U.S. criminal justice system, and analyze public policy developed in response to drug related issues.								
A&S	SOC	SOC	5680	Crimes Against Humanity	Lecture	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	5685	Human Trafficking	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines human trafficking and efforts to combat it. Students investigate the causes of human trafficking, how human trafficking unfolds, and its effects on victims; examine competing frames and social constructions of human trafficking; analyze and assess governmental, non-governmental, and social movement organizations' attempts to eradicate human trafficking; analyze media depictions of human trafficking; and critically evaluate anti-trafficking policies and programs and their effectiveness.								
A&S	SOC	SOC	5690	Crime, Risk, and Governance	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	5810	Environmental Sociology	Lecture	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.								
A&S	SOC	SOC	5900	Special Topics	Seminar	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, 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 Study	1 to 16	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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 Study	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, 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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing								
		COURSE DESC:		A survey of the sociological study of the multiple forms of social inequality.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	6070	Graduate Seminar in Globalization and Development	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		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.								
A&S	SOC	SOC	6080	Graduate Seminar: Poverty	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of poverty in sociology.								
A&S	SOC	SOC	6090	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic in sociology.								
A&S	SOC	SOC	6100	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic in sociology.								
A&S	SOC	SOC	6110	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic in sociology.								
A&S	SOC	SOC	6120	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic.								
A&S	SOC	SOC	6130	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic in sociology.								
A&S	SOC	SOC	6140	Graduate Seminar	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		Critical examination of selected topic in sociology.								
A&S	SOC	SOC	6150	Seminar in Social Psychology	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	Seminar	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	6170	Rural Sociology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores the diversity of rural life and place, including definitions and interpretations of rural, population, economy, environment, and problems facing rural people, communities, and institutions in regional, national, and global contexts.								
A&S	SOC	SOC	6200	Social Policy	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Standing CR, PR								
		COURSE DESC:		This course examines the use of sociological analysis in the formation and implementation of social policy.								
A&S	SOC	SOC	6510	Intermediate Data Analysis	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	SOC	6540	Social Research Methods	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Graduate student in Sociology						
		COURSE DESC:		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	6550	Teaching Sociology	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Graduate student in Sociology						
		COURSE DESC:		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	6900	Special Topics in Sociology	Lecture	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Specific course content will vary with offering.								
A&S	SOC	SOC	6920	Practicum in Sociology	Practicum	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Completion of the course requirements for the Master of Arts degree, including theory and both methods courses						
		COURSE DESC:		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	6925	Sociology Teaching Practicum	Practicum	1	12		N	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	6931	Independent Study	Ind Study	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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	6950	Thesis	Thesis	.5 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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	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.	Lecture	3	0	2HL; PSBS	N	U30		0
A&S	WGSS	WGSS	1000A	Honors Experience: Introduction to Women's, Gender, and Sexuality Studies GEC7: CR, F, REQUISITE: WGSS 1000 concurrently and Ohio Honors student NC OHIO Honors curricular experience in Introduction to Women's, Gender, and Sexuality Studies	Ind Study	0	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.	Lecture	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.	Lecture	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.	Lecture	3	0		N	U30		0
A&S	WGSS	WGSS	2800	LGBTQ Media Action: Advocacy, News, and Praxis GEC1: A-F REQUISITE: Students in this course learn how to research, write, and produce radio, TV, text, web, and/or podcast content about LGBTQ+ issues relevant to local and regional communities. Students in the course receive access to and training in audio, video, and/or digital media production to address areas currently lacking news coverage and/or access to information, resources, and community in the southeast Ohio region. This class includes a praxis element that interrogates what stories get produced/disseminated and why, how we envision and create objectivity, and thus what our responsibility as advocates and activists is to those in our communities and those without similar access.	Lecture	3	0	2HL	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.	Lecture	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.	Tutorial	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.	Tutorial	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.	Tutorial	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.	Tutorial	1 to 15	15		N	U30		0
A&S	WGSS	WGSS	3200	Sexual Revolutions GEC1: A-F REQUISITE: WGSS 1000 or 2000 Examines various sexual revolutions, past and present, through differing disciplinary lenses.	Lecture	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	3500	Feminist Theory	Lecture	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	Seminar	3	0	1J; FAW	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	Internship	3	0	BLD	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.								
A&S	WGSS	WGSS	3980T	WGSS Non-Thesis Tutorial Third Year	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.								
A&S	WGSS	WGSS	4100	Global Feminisms	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WGSS 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.								
A&S	WGSS	WGSS	4820	Capstone in LGBTQ Studies	Seminar	3	0	3; CAP	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	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	4930	Independent Reading	Ind Study	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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial thesis in Women's, Gender, and Sexuality Studies.								
A&S	WGSS	WGSS	4980T	WGSS Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial thesis in Women's, Gender, and Sexuality Studies.								
A&S	WGSS	WGSS	4990H	Honors Project	Tutorial	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
A&S	WGSS	WGSS	5890	Graduate Seminar in Feminist Theory	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		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	Seminar	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Focuses on specific topics of interest in the field of Women's, Gender and Sexuality Studies.								
A&S	WGSS	WGSS	5930	Independent Reading	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Directed individual reading and research.								
A&S	WGSS	WGSS	6000	Gendered Bodies	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	WGSS	6010	Medicine, Science & Sexuality	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	6020	Gender, Sexuality & Healthcare	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course is an introduction to selected topics in the intersections of gender, sexuality, medicine, and health care. Students will learn how to think about medical issues intersectionally, from epidemiological trends based on gender and sexuality, to contemporary health policy debates.								
A&S	WGSS	WGSS	6180	Sexual Violence and Survivor Advocacy	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	1000	Financial Accounting for Entrepreneurs	Lecture	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	Lecture	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 "The Language of Business" and students need a basic understanding to communicate in the business world.								
COB	ACCT	ACCT	1010	Foundations of Accounting	Lecture	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	1010A	Honors Experience in Foundations of Accounting	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	OHIO Honors student and ACCT 1010						
		COURSE DESC:		NC OHIO Honors curricular experience in Foundations of Accounting								
COB	ACCT	ACCT	1020	Decision Making with Accounting	Lecture	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	Lecture	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	Internship	1 to 3	3	BLD	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	Lecture	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	3040A	Honors Experience in Financial Accounting and Reporting I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	Ohio Honors student and ACCT 3040 concurrently						
		COURSE DESC:		NC OHIO Honors Curricular Experience in Financial Accounting and Reporting I								
COB	ACCT	ACCT	3050	Financial Accounting and Reporting II	Lecture	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	Lecture	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	3200	Forensic Accounting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ACCT 1010						
		COURSE DESC:		This course provides an introduction to the rapidly growing field of forensic accounting and addresses the causes and consequences of white collar crime and explores implications within the financial reporting system. The course emphasizes the role of internal controls in forensic accounting and fraud prevention and provides an understanding of the role of forensic accountants in examining financial records. This course also provides the basic skills and tools required in fraud examination and recognition of the basic types of fraud schemes.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	3400	Introduction to Federal Income Tax Planning	Lecture	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.								
COB	ACCT	ACCT	3450	Accounting Systems and Internal Control	Lecture	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	Lecture	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	Lecture	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	Internship	1 to 3	3	BLD	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	3; CAP	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	4700	Data Analytics for Accounting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ACCT 3040						
		COURSE DESC:		This course covers the analysis of data as it pertains to accounting professionals. The focus of this course includes both analytic techniques for decision making and the examination of big data involving accounting information. Hands-on experiences develop skills with select software tools used in data analytics for accounting professionals. This course challenges students to think critically about whether and how data improves business performance, creates opportunities, and/or creates risks. In-depth discussion and skill development is concentrated on analysis and use of the data acquired. Students gain experience with the technology used for data analysis in the accounting profession. Project-oriented computer-based assignments are used in this course to enhance a student's knowledge and skills. Please keep in mind that this is not a computer course. However, it does require extensive use of the computer as a tool.								
COB	ACCT	ACCT	4900	Special Topics in Accounting	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	4910	Internship	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required						
		COURSE DESC:		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 Study	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.								
COB	ACCT	ACCT	4940H	Honors Thesis	Research	1 to 3	10	BLD	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
COB	ACCT	ACCT	5020	Advanced Accounting Concepts I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ACCT 5010						
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ACCT 5010						
		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	Seminar	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 Study	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.								
COB	ACCT	ACCT	6100	Advanced Managerial Accounting and Decision Making	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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 Examination	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is designed to help students apply their accounting, auditing, information systems and communication skills and build the forensic and examination 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.								
COB	ACCT	ACCT	6300	Financial Accounting Theory and Research	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ACCT	6500	Professional Ethics and Communication for Accountants	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
COB	ACCT	ACCT	6800	Contemporary Topics in Accounting	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				Permission required				
		COURSE DESC:		Selected topics of current interest in accounting area.								
COB	ACCT	ACCT	6930	Independent Study	Ind Study	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.								
COB	ACCT	ATCH	1030	Financial Accounting Procedures	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
COB	ACCT	ATCH	1040	Managerial Accounting Procedures	Lecture	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.								
COB	ACCT	ATCH	2030	Tax and Governmental Reporting Procedures	Lecture	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.								
COB	ACCT	ATCH	2040	Electronic Data Processing Accounting Procedures	Lecture	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.								
COB	ACCT	ATCH	2050	Manufacturing Accounting	Lecture	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.								
COB	ACCT	ATCH	2090	Business Statistics	Lecture	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.								
COB	ACCT	ATCH	2250	Federal Income Tax Procedures	Lecture	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.								
COB	ACCT	ATCH	2330	Accounting Information Systems	Lecture	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.								
COB	ACCT	ATCH	2410	Auditing Procedures	Lecture	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.								

**MASTER CURRICULUM FILE
 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	ATCH	2900	Special Topics in Accounting Technology	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COB	ACCT	ATCH	2990	Independent Study	Lecture	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Supervised independent study projects in accounting technology.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	AIS	MIS	2020	Business Information Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
COB	AIS	MIS	2021	Business Information Systems Nonmajor	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB major except BS5511 and (Soph or Jr or Sr) and	WARNING:	no credit if taken after MGT2100				
		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.								
COB	AIS	MIS	2200	Systems Analysis and Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	AIS	MIS	2800	Business Intelligence and Information Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	AIS	MIS	2900	Special Topics in Management Information Systems	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
COB	AIS	MIS	2910	Internship	Internship	1 to 2	6	BLD	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	AIS	MIS	3200	Systems Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit if MIS 3201						
		COURSE DESC:		Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.								
COB	AIS	MIS	3800	Cybersecurity for Business Information Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers key topics and helps students build skills related to business cybersecurity management. Topics include frameworks and methods that help with cybersecurity risk analysis, business cybersecurity controls, and cybersecurity policies. Students also learn about and use tools that help with business cybersecurity monitoring and response.								
COB	AIS	MIS	3910	Internship	Internship	1 to 3	6	BLD	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	AIS	MIS	4200	Information System Consulting Project	Lecture	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	AIS	MIS	4580	Advanced Business Intelligence	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	AIS	MIS	4800	MIS Capstone	Lecture	3	0	3; CAP	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	AIS	MIS	4900	Special Topics	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	MIS 2200 and 2800						
		COURSE DESC:		Special topics of current interest in the management information systems area.								
COB	AIS	MIS	4910	Internship	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		Management Information Systems related internship								
COB	AIS	MIS	4935	Readings in MIS	Ind Study	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Directed readings in Management Information Systems								
COB	AIS	MIS	4940	Independent Research	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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	AIS	MIS	4970H	Honors Thesis	Tutorial	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required of director of honors studies						
		COURSE DESC:		Honors thesis work.								
COB	AIS	MIS	5900	Special Topics	Lecture	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	AIS	MIS	6900	Special Topics in MIS	Lecture	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	AIS	MIS	6910	Internship in MIS	Internship	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		Internship in Management Information Systems.								
COB	AIS	MIS	6935	Readings in MIS	Ind Study	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Directed readings in Management Information Systems.								
COB	AIS	MIS	6940	Independent Research	Research	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Research under direction of faculty member.								
COB	AIS	QBA	1720	Introduction to Information Analysis and Descriptive Analytics	Lecture	3	0	ACSW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course introduces students to information analysis and descriptive analytics. Students critically analyze business problems and develop high-quality information designs that inform and support management decisions using software tools. Topics include the organization of data, central tendency and dispersion, estimation and hypothesis testing, simple and multiple linear regression analysis, and the use of Excel in statistical analysis. Students learn to choose the proper analysis and present the results using effective information designs.								

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COB	AIS	QBA	1721	Introduction to Information Analysis and Descriptive Analytics (Nonmajor)	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS6108, AA5006 ; and WARNING: no credit if taken after QBA 1720								
		COURSE DESC:		This course introduces students to information analysis and descriptive analytics. It includes the organization of data, measures of central tendency and dispersion, estimation and hypothesis testing, simple and multiple linear regression analysis, and the use of Excel in statistical analysis. It also introduces 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	AIS	QBA	2010	Introduction to Business Statistics	Lecture	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	AIS	QBA	2720	Business Analytics	Lecture	3	0	FQR	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 1720 or 1721 or 2010								
		COURSE DESC:		Business Analytics is the use, analysis, and interpretation of data to drive decision-making. This course teaches students how to apply problem-solving processes to a variety of business situations, think critically and analytically, and understand how to analyze the internal and external environments of business organizations. Students in this course gain an understanding of how analytical methods are used to help to manage today's organizations. In addition, students use software that is commonly used in business to summarize and make inferences about data in order to support decision-making through data analysis.								
COB	AIS	QBA	2900	Special Topics in Quantitative Business Analysis	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COB	AIS	QBA	3720	Predictive Analytics	Lecture	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 may 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 software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.								
COB	AIS	QBA	4720	Prescriptive Analytics	Lecture	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 are introduced to concepts related to developing various linear and non-linear models within software tools that are commonly used by business professionals. Students apply optimization techniques to solve problems related to 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 develop simulation models and utilize decision analysis strategies for conditions of uncertainty.								
COB	AIS	QBA	4900	Special Topics in Quantitative Business Analysis	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COB	AIS	QBA	5720	Predictive Analytics	Lecture	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 may 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 software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.								
COB	AIS	QBA	5730	Prescriptive Analytics	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	2010	Basic Personal Finance	Lecture	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	2900	Special Topics in Finance	Lecture	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	Internship	1 to 3	6	BLD	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	Lecture	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	3001	Honors Finance Seminar	Seminar	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Application of basic principles of corporate financial management with emphasis on the historical and current business environment and financial resources.								
COB	FIN	FIN	3001A	Honors Experience in Honors Finance Seminar	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	Ohio Honors student and FIN 3001 concurrently						
		COURSE DESC:		NC OHIO Honors curricular experience in Honors Finance Seminar								
COB	FIN	FIN	3100	Financial Management	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 3000 AND (MATH 1300, 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	3270	Financial Markets and Institutions	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 3000 AND (MATH 1300, 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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 3000 AND (MATH 1300, 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	Internship	1 to 3	6	BLD	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 participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	3921	Applied Investment Management Practicum	Practicum	1	6	BLD	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 3000						
		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	Lecture	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	Lecture	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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 3310 and FIN 4100						
		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	Lecture	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	4290	Advanced Bank Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FIN 4280						
		COURSE DESC:		This course provides students with a deeper understanding of bank management by addressing advanced topics relevant for these financial institutions. Applied learning is emphasized with case studies, simulation, and/or live projects with banks.								
COB	FIN	FIN	4360	Life Insurance	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
COB	FIN	FIN	4460	Fixed Income & Futures	Lecture	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	Lecture	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	4480	Portfolio Management	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr and FIN 3000, 3200, 3270, 3410, 4460 and 4470						
		COURSE DESC:		Decision-making processes in management of individual and institutional securities portfolios. Theoretical foundations of portfolio selection and construction.								
COB	FIN	FIN	4510	Intermediate Corporate Finance	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	4520	Entrepreneurial Finance	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	4550	International Finance	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3000 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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3000 and 3270 and 4510 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3270 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3270 and FIN 3410 and QBA 2010 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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3270 and 3410 and Sr only 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.								
COB	FIN	FIN	4700	Data Analytics for Finance	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: QBA 3720 and FIN 3200 and FIN 3270 and FIN 3410 This course exposes students to various techniques in data analysis as applied to problems in the financial industry. Through experience with programming applications and modelling, students explore the role of a data analyst in the financial world and learn the basic skills required to begin a career in that field.								
COB	FIN	FIN	4800	Series 6 and OH Insurance Exam Prep	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FIN 3270 and 3410 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	Seminar	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: Permission required PR Selected topics of current interest in finance area.								
COB	FIN	FIN	4910	Internship	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: Permission required 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 Study	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: Permission required PR Readings in selected fields of finance. Topics selected by student in consultation with the instructor.								
COB	FIN	FIN	4940	Independent Research	Research	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR Research in selected fields of finance under direction of faculty member.								
COB	FIN	FIN	4940H	Honors Thesis	Research	1 to 3	9	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR Honors thesis.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	FIN	4990	Chartered Financial Analyst Level I Preparation	Lecture	1	0		N	U30		0

ELIGIBLE GRADES:
 COURSE DESC:

GEC1: A-F REQUISITE: Senior
 This course meets weekly with the objective of preparing CFA Level I candidates. Class meetings discuss study goals for the upcoming week and review the expectations for the previous week. A variety of topics of covered by the exam and course related to finance, economics, and ethics. The CFA curriculum is robust, and this course emphasizes study plans and techniques that required for successful exam completion. The course encourages a positive, group-focused, learning environment as students prepare for the CFA Level I exam. Students are encouraged to help one another succeed. A mock exam is administered on a Saturday from 8am-5pm, which replicates the actual exam setting.

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	1000	Introduction to the College of Business	Lecture	1	0		N	U10		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 and Ethical Reasoning	Lecture	3	0	BER	N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an introduction to the world of business by investigating a wide array of issues and phenomena that business executives face while conducting their work. Overall goals for the course are to introduce the context of business in general, discuss the challenges people face as they try to lead and navigate their organization(s), and to lay a foundation for personal growth and development for students pursuing business-related studies.								
COB	MGT	BA	1500	Introduction to Business Communication and Professional Skills	Lecture	3	0	1J; FAW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB								
		COURSE DESC:		BA 1500 introduces students to essential business communication and professional skills. The purpose of the course is to help students build a foundation for college and career success.								
COB	MGT	BA	1600	Introduction to Business Problems	Lecture	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	Lecture	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	2290	Cultural Explorations through Global Consulting	Lecture	3	0	2CP; FIE	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		This course prepares students for the Global Consulting Program by teaching students to work effectively with global businesses. Students learn cultural frameworks, cultural self-awareness, communications, empathy, openness, and curiosity. Each student is provided an opportunity to develop the necessary skills to serve as an ethical, well-rounded, and culturally-appreciative ambassador of Ohio University to the rest of the world.								
COB	MGT	BA	2500	Strategic Business Communication	Lecture	3	0	BSL	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	Lecture	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	Internship	1	0	BLD	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.								
COB	MGT	BA	2950	Select Leaders I: Leadership Development for Sophomores	Seminar	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	Tutorial	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 conduct in depth research on a business topic. First year.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	2971T	Business Administration Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.								
COB	MGT	BA	2980T	Business Administration Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Individualized tutorial for HTC students only to conduct in depth research on a business topic. First year.								
COB	MGT	BA	2981T	Business Administration Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR 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	Lecture	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	Lecture	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	3500	Ohio International Consulting Program	Seminar	6	0	2CP; BDP; BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The OICP experience gives you an opportunity to leverage your existing business skills and develop new ones in a challenging international environment. Student teams develop and implement a strategy for completing their assigned project in a fashion that satisfies the client and meets the course objectives. This course also provides students with intercultural knowledge and competence. OICP helps students to increase their own cultural self-awareness within worldwide frameworks. Students grow in cultural openness and curiosity while expanding their communication skills.								
COB	MGT	BA	3900	Topics in Business Ethics	Lecture	1	3	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course covers a variety of special topics in business ethics. Course topics vary and may focus on specific business ethics topics such as corporate social responsibility, accounting, finance, marketing, human resource management, leadership, and intellectual property.								
COB	MGT	BA	3910	Internship	Internship	1 to 3	3	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: BA 2000 and permission								
		COURSE DESC:		PR, F The course provides students with opportunities to integrate academic knowledge with skills learned through internship. Students reflect on prior internship experiences in order to develop personal and professional skills through self-assessment.								
COB	MGT	BA	3950	Select Leaders II: Leadership Development for Juniors	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	3965	Emerging Leaders II: Leadership Development	Seminar	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Selection into Emerging Leaders Program								
				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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC								
				CR, PR								
				Individualized tutorial for HTC students only to conduct in depth research on a business topic. Third year.								
COB	MGT	BA	3980T	Business Administration Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC								
				CR, PR								
				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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: COB only and (Soph or Jr or Sr)								
				CR								
				Specific course content will vary with offering.								
COB	MGT	BA	4905	Seminar in Business Administration	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: Permission required								
				PR, F								
				Participation in day-to-day activities of a business concern for at least four consecutive weeks.								
COB	MGT	BA	4920	International Business Experience	Practicum	6	12	BDP; BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: BA 2290								
				PR								
				The course provides students the opportunity to leverage their existing business skills and develop new ones in an exciting and challenging international environment. Students spend time in a foreign country and work on a live-client consulting project. Students will harness their curiosity to explore a new culture and use empathy to investigate the similarities and differences with their own.								
COB	MGT	BA	4930	Readings in Business Administration	Ind Study	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required								
				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	Research	1 to 3	999	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Written proposal								
				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	Seminar	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Student in Select Leaders Program								
				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.								
COB	MGT	BA	4970T	Business Administration Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC								
				CR, PR								
				Individualized tutorial for HTC students only to prepare students to conduct in depth research on a business topic. This is a thesis tutorial.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BA	4980T	Business Administration Tutorial	Tutorial	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	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Special topics in business administration.								
COB	MGT	BMT	1010	Business and Its Environment	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		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.								
COB	MGT	BMT	1100	Introduction to Management	Lecture	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.								
COB	MGT	BMT	1150	Foundations of Quality and Continuous Improvement	Lecture	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.								
COB	MGT	BMT	1200	Mathematics in Business	Lecture	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.								
COB	MGT	BMT	1400	Concepts of Marketing	Lecture	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.								
COB	MGT	BMT	1500	Elements of Supervision	Lecture	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.								
COB	MGT	BMT	1700	Small Business Operations	Lecture	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.								
COB	MGT	BMT	1800	Women in Management and Leadership	Lecture	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.								
COB	MGT	BMT	1890	Independent Study	Lecture	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.								
COB	MGT	BMT	2000	Introduction to Business Computing	Lecture	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.								
COB	MGT	BMT	2030	Business Career Profiles	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BMT	2100	Managing Finance in Business	Lecture	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.								
COB	MGT	BMT	2200	Concepts of Purchasing Management	Lecture	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.								
COB	MGT	BMT	2300	Concepts of Sales	Lecture	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.								
COB	MGT	BMT	2350	Basic Retailing Service Marketing and Management	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Review of fundamental service marketing and management strategies and activities.								
COB	MGT	BMT	2400	Concepts of Audience Analysis	Lecture	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.								
COB	MGT	BMT	2500	Practical Personnel Procedures	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
COB	MGT	BMT	2550	Visual Merchandising in Retail and Service Organizations	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BMT 2350						
		COURSE DESC:		Examines how visual merchandising integrates in retail strategies and sales promotion.								
COB	MGT	BMT	2600	Business Report Writing	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I English and not Business Administration major						
		COURSE DESC:		Practice in planning and writing effective business letters, memoranda, and reports.								
COB	MGT	BMT	2700	Advertising Concepts	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		General course in advertising which emphasizes psychology, advertising agency, media research, brands, and labels.								
COB	MGT	BMT	2750	Managerial Planning	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BMT 2000 or CTCH 1250 or OTEC 2300						
		COURSE DESC:		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.								
COB	MGT	BMT	2800	Concepts of Labor and Management Relations	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
COB	MGT	BMT	2850	Government and Business	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Business and government relations, with emphasis on analysis of selected areas involving public policy and business.								
COB	MGT	BMT	2880	Computer Applications for Management	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BMT 2750						
		COURSE DESC:		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.								
COB	MGT	BMT	2890	Special Topics	Lecture	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced projects concerning business management explored with instructor in classroom, teams or one-to-one. For advanced students only.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BMT	2900	Special Topics in Business Management Technology	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COB	MGT	BUSL	2000	Law and Society	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS8123 or BS5511 or BS6108 or BS6109 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, contractual, international, and environmental law, as well as business organizations.								
COB	MGT	BUSL	2550	The Legal Environment of Business	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB only and (Soph or Jr or Sr)								
		COURSE DESC:		This course presents a conceptual approach to the origin, nature, structure, functions, and procedures of law. It includes the study of corporate responsibility and ethics as well as an introduction to constitutional, administrative, criminal, tort, product liability, contractual, international, property, agency, partnership, corporation, and employment law. The course involves a study of both federal and state court systems, the relationship between civil and criminal branches of law, and the development of certain legal vocabulary.								
COB	MGT	BUSL	2600	Business Regulation and Compliance	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 2000 (Non-COB students) or BUSL 2550 (COB students)								
		COURSE DESC:		In today's business environment, few things have had a more significant impact on business operations than the regulation of business by governmental agencies. This course studies how businesses are regulated in the United States. The power and operation of governmental administrative agencies are explored, as well as how organizations structure compliance programs in order to ensure compliance with governmental regulation.								
COB	MGT	BUSL	2900	Special Topics in Business Law	Lecture	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	BUSL	3400	Law of Food	Lecture	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 Commercial Transactions	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 2550 or BUSL 2000 and (jr or sr)								
		COURSE DESC:		This course covers the 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	Lecture	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	Lecture	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.								
COB	MGT	BUSL	3910	Internship	Internship	3	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and 2.5 GPA								
		COURSE DESC:		PR, F 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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	BUSL	4810	Seminar	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: BUSL 2000 or 2550 CR, PR								
		COURSE DESC:		Selected topics of current interest in business law area.								
COB	MGT	BUSL	4900	Special Topics in Business Law	Lecture	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	BUSL	4930	Independent Research	Ind Study	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal CR, PR								
		COURSE DESC:		Research in selected fields of business law under direction of faculty member.								
COB	MGT	BUSL	5000	Law and Society	Lecture	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	Lecture	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 Commercial Transactions	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BUSL 5000								
		COURSE DESC:		This course covers the 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Special topics seminar for business law.								
COB	MGT	MBA	6110	MBA Core I	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6300	Building & Developing Customer Relationships	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to MBA program						
		COURSE DESC:		CR, PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	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	Descriptive Analytics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program.						
		COURSE DESC:		CR, PR	Business analytics can be subcategorized into three primary fields of study. These fields include descriptive, predictive, and prescriptive analytics. Descriptive analytics serves as a foundation to all other forms of analytics. The primary goal of this course is to provide students with the skills to effectively summarize, visualize, and manage data within software environments that are commonly used in various business contexts. In this course, topics include, but are not limited to, measures of central location, measures of dispersion, discrete and continuous probability distributions, hypothesis tests, as well as data visualization. In addition, students are introduced to predictive and prescriptive analytics topics for business applications.							
COB	MGT	MBA	6325	Prescriptive Analytics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	Prescriptive analytics includes a variety of topics related to decision-making within the context of business problems and applications. The primary goal of this course is to develop a model of a business scenario within a software environment. Students employ mathematical techniques that support or automate a course of action that should be taken by decision-makers. In this hands-on course, students are introduced to concepts related to constructing, testing, and applying prescriptive models and techniques that are common in business settings. From this perspective, students utilize software tools in order to apply a variety of decision-making techniques, including optimization and simulation.							
COB	MGT	MBA	6330	Financial Markets	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to MBA program						
		COURSE DESC:		CR, PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6350	Strategic Marketing	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		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 Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program. CR, PR								
		COURSE DESC:		Provides a broad view of information systems 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. This course provides students 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program PR								
		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	6380	Strategy	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program PR								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		COURSE DESC:		Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within business environments. The primary goal of this course 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 are introduced to concepts related to constructing, testing, and applying predictive models in various business settings. From this perspective, students utilize software tools in order to conduct an analysis of continuous, classification, and clustering models.								
COB	MGT	MBA	6395	Business Intelligence	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission 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	Lecture	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 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6420	Programming for Analytics	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program								
		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	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program								
		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	6460	Strategic Use of Analytics	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program.								
		COURSE DESC:		This course is designed to help students understand how to identify, classify and in some cases, resolve different complex analytical problems in the workplace. This course uses workplace scenarios and/or cases for context and depends on the prerequisite understanding of basic analytics. By exploring the use of data analytics in context, the course focuses on identifying strategic drivers, indicators, and factors and developing strategic initiatives based on predictions. Students are also asked to prescribe and argue for the selection of data analytics tools, techniques, and processes for specific applications based upon their evaluation of the situation.								
COB	MGT	MBA	6490	Predictive Analytics II	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA 6390 and Admission to College of Business graduate or certificate program								
		COURSE DESC:		In this course, students explore a variety of pre-processing, predictive modeling, and post-processing concepts, techniques, and methodologies within a software environment that is commonly used in business. In particular, students learn advanced methods of pre-processing which is an essential step in developing supervised and unsupervised models for successful applications in business. In addition, students learn a variety of advanced methods of post-processing which help to extract insights from the data that they explore.								
COB	MGT	MBA	6495	Business Intelligence II	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MBA 6395, 6420, and Admission to College of Business graduate or certificate program								
		COURSE DESC:		Data is often either structured or unstructured. Unstructured data presents a challenge because standard techniques commonly used in business analytics cannot be used to discover meaningful patterns, relationships, and other insights that could be useful when solving business problems. In this course, students learn advanced techniques while using software that commonly used in practice in order to overcome the problems associated with unstructured data.								
COB	MGT	MBA	6500	Sales Analytics	Lecture	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 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 Leadership	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to MBA program								
		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	6560	Analytics for Executives	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		This analytics course is designed for today's business executive seeking competitive advantage through leveraging analytics across the organization. Students will adopt the executive's vantage point as they address progressing an organization through analytics maturity as well as making the most effective investments in people, data, systems, and organizational structure. Planning the analytics project lifecycle, developing a data-driven culture, personnel management, and opportunity identification will be addressed. Students will prepare to harness analytics from the executive point of view within the context of application from corporate to non-profit organizations.								
COB	MGT	MBA	6900	Special Topics in Business	Lecture	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program								
		COURSE DESC:		CR, PR Special topics or projects.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6910	MBA Core IV	Internship	6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6130 CR, PR								
		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	Lecture	6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MBA 6130 CR, PR								
		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	Internship	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR								
		COURSE DESC:		Internship								
COB	MGT	MBA	6912	Applied Business Experience	Field	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR								
		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	6915	Integrated Strategy Project	Tutorial	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program. PR								
		COURSE DESC:		The course provides students a complete picture of the strategy of a company integrating knowledge gained in the areas of Strategy, Marketing, Finance and Information Systems. Students apply classroom learning by conducting a situation analysis on the industry and company where they work, analyzing and offering insights on their company's branding and marketing strategies, analyzing financial ratios, seeking new technology applications and offering overall insights into the strategies of functional areas within the company. Accordingly, the course deals with discussing the role of strategy within companies and its impact on informing and guiding important decisions such as resource acquisition, allocation and deployment. Projects are based on real-world situations so that students practice applying tools and frameworks in their own decision-making processes.								
COB	MGT	MBA	6920	MBA Experiential Learning	Lecture	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR								
		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	Practicum	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to MBA program CR, PR								
		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	6921	Consulting Capstone and International Immersion	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to MBA program								
		COURSE DESC:		This course is designed for the student to further develop and synthesize business skills in order to apply them to real-world client engagements. Students examine and apply the skills needed to succeed in business consulting, such as decision models, team management, international business research, international marketing, consulting basics, project management, interviewing, and preparation and presentation of client deliverables. Capstone simulates and is essential preparation for the international consulting experience.								
COB	MGT	MBA	6922	New Venture Planning	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to MBA program								
		COURSE DESC:		New Venture Planning is designed to engage MBA students in a process of ideation, business model generation, market validation and venture pitching. The course begins by engaging students in a process of ideation. During this step in the process the class is introduced to a range of different ideation techniques and uses them to generate a large number of venture opportunities. Ideas generated go through a screening process and teams are formed around the leading venture ideas as assessed by the class. Teams are then introduced to the business model canvas and then develop initial business models for their ideas. Next, student teams in a "lean launch" process. During this stage teams engage in validation research to confirm and amend their initial business models and provide supporting customer and other validation for their intended approach. Finally, student teams develop their pitches, trade shows, pitch decks and other materials and engage in a "shark tank"-like competition to propose their ventures to prospective investors. The class is a "learning by doing" and "problem-based learning" class. Students are expected to engage on a full-time basis for the duration of the class and the class is designed to give MBA students an accelerator-like experience.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MBA	6924	Analytics Practicum	Lecture	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		In this course, students apply descriptive, predictive, and prescriptive analytics to support decision-making within a competitive business environment. Throughout the course, students compete in a simulation that is based on the manufacturing industry. While competing in this environment, students generate and collect data from the simulated environment. With this data, students are asked to apply a variety of analytics in order to support decisions that are made within the simulation. Students present their analytical findings to their teammates and the team has the option of using the results of the analysis to augment their decisions within the simulated environment. Based on the nature of the simulated environment, students are able to view and reflect upon the results of their strategic and tactical approaches that they took within a competitive business environment.								
COB	MGT	MBA	6930	Graduate Readings Course	Ind Study	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 Study	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	Seminar	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	Seminar	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.								
COB	MGT	MGT	2000	Introduction to Management	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB major except (BS5511 or BS6108 or BS6109) and (Soph or Jr or Sr) and WARNING: no credit if taken after MGT2100								
		COURSE DESC:		Understanding of and practice in solving problems facing managers and administrators using concepts and principles from behavioral sciences and other applicable disciplines. Fundamentals of management, planning, and organization are covered.								
COB	MGT	MGT	2000A	Honors Experience: Introduction to Management	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: MGT 2000 concurrent and student in the OHIO Honors program								
		COURSE DESC:		OHIO Honors curricular experience in Introduction to Management.								
COB	MGT	MGT	2100	Introduction to Management and Organization	Lecture	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	Lecture	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	Lecture	3	0	2CP; FIE	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	2910	Internship	Internship	1	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required and 2.5 GPA						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB major except BS 5511 and WARNING: No credit for this course if taken after MGT 3200						
		COURSE DESC:		Not open to Freshman or Sophomore 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.								
COB	MGT	MGT	3050	Applied Management and Supervision	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB major except BS 5511						
		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	3100	Values, Business Ethics, and Corporate Responsibility	Lecture	3	0	BER	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course enables students to prepare themselves to act in accordance with their ethical intentions when business issues with ethical ramifications arise. It exposes students to corporate responsibility and business ethics through reading, discussion, research, and reflection. However, this course is about more than the narrow question "What should I do?" Primarily, it is about our desire to live a good life--a life that is successful, honorable, and full of meaning. As such, this course will help students contemplate the overarching question "How do I want to live my life?"								
COB	MGT	MGT	3200	Operations Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(QBA 2720 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	3200A	Honors Experience in Operations Management	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Ohio Honors student and MGT 3200 concurrently						
		COURSE DESC:		OHIO Honors curricular experience in Operations Management								
COB	MGT	MGT	3250	Project Management	Lecture	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	3270	Sustainable Supply Chain Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides a survey of concepts and issues involved in managing an organization's supply chain and its sustainability over the long run. Managing resources and supply chain dynamics are key foci of this course. Among the issues discussed are the strategic role of a supply chain, key strategic drivers of supply chain performance and common problem-solving approaches that help supply chain and logistics professionals make better decisions that contribute to the long run sustainability of the organization and its supply chain. Topics include supply chain design, planning, and operation, facilities, inventory, transportation, information management, and coordination in a Sustainable Supply Chain.								
COB	MGT	MGT	3300	Human Resource Management	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		This organizational behavior course is designed to provide students with a foundation for understanding the impact of people and groups in and on organizations. Understanding and effectively functioning within complex organizations is a key competency for today's business leaders. The course will cover many of the fundamental topics that leaders need to understand including, leadership, motivation, conflict, negotiation, stress management, managing diversity, and much more. Students will learn relevant theoretical and factual information and will participate in numerous active learning activities. Critical thinking is emphasized through hands-on activities, exercise discussions and cases that will help to build familiarity with key concepts. Students will study and learn about human behavior in organizations.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	3410	Managing High Performance Teams	Lecture	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	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
COB	MGT	MGT	3450	Entrepreneurial Leadership	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	3580	Foundations of Festivals, Events and Entertainment Management	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is a comprehensive overview of festivals, events, and entertainment management entailing an interdisciplinary focus on sports, recreation, arts, culture, and tourism. The course provides foundational content in relation to the history and scope of events, event impacts, and core components of planning, implementing, and evaluating within the festival, event, and entertainment industry.								
COB	MGT	MGT	3600	Introduction to International Business	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB or IB Certificate and (SOPH or JR or SR)								
		COURSE DESC:		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	3640	Cultural Intelligence in Business	Lecture	1	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course focuses on improving students cultural intelligence in business situations. The course reviews the components of cultural intelligence drive, knowledge, strategy, and action and offers strategies for increasing intercultural knowledge and competence in global, diverse business settings.								
COB	MGT	MGT	3650	International Market Assessment and Entry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COB or IB Certificate and (JR or SR)								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Develop a student's ability to find, evaluate, and develop raw technical ideas into commercially viable product concepts, and build those into business propositions.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	3730	Entrepreneurial Business Consulting	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MGT 3550 AND MGT 3700) or (MGT 3740 and ACCT 3770)						
		COURSE DESC:		During this applied learning experience, students are assigned to work as consultants with a real business. They 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	3735	Entrepreneurship in Practice	Lecture	3	6	BLD	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MGT 3740 and ACCT 3770) or (MGT 3700 and MGT 3550) and submitted application to Director of Center for Entrepreneurship						
		COURSE DESC:		Students 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.								
COB	MGT	MGT	3740	Ideation and Business Models	Lecture	3	0		N	U30		40
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
COB	MGT	MGT	3780	Lean StartUp Accelerator	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
COB	MGT	MGT	3910	Internship	Internship	1 to 4	0	BLD	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	MGT	MGT	4300	Legal Aspects of Employment and Labor	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
COB	MGT	MGT	4370	Strategic Talent Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MGT 3300 and 3400 and Sr						
		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. 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	4420	Gender Issues in Management	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores a variety of social-psychological research on gender issues that affect work behaviors in today's rapidly changing and diverse workforce. Learning activities include student self-assessments, readings, research of pertinent topics, learning activities, and online discussions. This course is writing intensive and prepares students for leading diverse individuals and teams.								
COB	MGT	MGT	4430	Managerial Decision Making	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Decision making and problem solving in organizations from managerial perspective.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	4560	Strategic Leadership Consulting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MGT 3400								
				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.								
COB	MGT	MGT	4580	Managing Transformations and Organizational Change	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MGT 3400								
				This course 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	4590	Strategic Business Leadership	Lecture	3	0	3; CAP	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	Lecture	3	0	BDP	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	Lecture	3	0	3; CAP	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	Lecture	3	0	3; CAP	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (FIN 2400 or FIN 3000) and MGT 2100 and MIS 2020 and MKT 2400 and (MGT 3200 or concurrent) and Sr only								
				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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				Specific course content will vary with offering.								
COB	MGT	MGT	4910	Internship	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: PR, F								
				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 Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR								
				Research in selected fields of leadership, management, and organizational behavior under direction of faculty member.								
COB	MGT	MGT	4940H	Independent Research Departmental Honors Thesis	Research	1 to 3	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR								
				Independent research. Course content selected by professor and student.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	4950	Seminar in Management	Seminar	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Jr or Sr CR, PR								
		COURSE DESC:		Selected topics of current interest in leadership, management, organizational behavior and related areas. Students may repeat MGT 4950 with different topics.								
COB	MGT	MGT	5000	Introduction to Management	Lecture	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	5001	Managing Individuals and Teams	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission into Master's of Science in Management or MBA program or Certificate in Management Acumen								
		COURSE DESC:		This course presents a strategic and analytical approach to complex behavioral problems involving interactions among individuals, teams, and organizational factors. The course explores topics such as leadership, team dynamics, motivation, decision-making, power/persuasion, and conflict as they apply to the management of individuals and teams in organizations. The class utilizes case studies, experiential exercises, personal reflection, and an organizational consulting project to practice and refine students' management skills as well as to gain insight into their own strengths and weaknesses as a manager.								
COB	MGT	MGT	5002	Researching the Business Environment	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Managers need to be able to scan and understand the external environment in order to engage in the important planning and decision making tasks they face. In this course, students learn tools and techniques used by managers for understanding & analyzing the business environment, resources for environmental scanning and competitive analysis; how to identify and evaluate trends for the purposes of problem diagnosis & opportunity recognition; approaches to strategic prioritization; and sources of competitive advantage.								
COB	MGT	MGT	5003	Managerial Decisions & Challenges	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 5001 or concurrent								
		COURSE DESC:		This course examines the principles of judgment and choice in the face of uncertainty. Students are introduced to normative (i.e., how best to decide) and behavioral decision making (i.e., how do we decide). The latter approach recognizes that people use various tricks (i.e., heuristics) that simplify cognitive processing. While these serve well in some instances, they may also become traps that lead to poor results in others. Extensive study of bias helps students to recognize these tendencies and become better decision makers following a third approach known as prescriptive decision making (i.e., how should we decide).								
COB	MGT	MGT	5004	Managerial Effectiveness & Research	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 5003								
		COURSE DESC:		This course takes a macro-organizational view emphasizing theoretical approaches to organizations and organizing and indicators of managerial effectiveness. The class focuses on interactions among the organization, its environment and its members, and the importance of fit among organizational strategies, structures, and culture. Students also explore how managerial effectiveness can be assessed and researched.								
COB	MGT	MGT	5006	Management, Strategic Leadership & Strategic Communications	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 5001								
		COURSE DESC:		This course examines the role of strategic leaders in contemporary organizations, the differences between strategic leadership and other forms of leadership, and the importance of strategic communications and crisis management for leaders in strategic roles.								
COB	MGT	MGT	5020	Operations & Project Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to Master's of Science in Management or MBA program or Certificate program CTOAMG								
		COURSE DESC:		The ability to effectively manage a business includes a complete understanding of the underlying operations and supply chain linkages. This course is designed to equip students with the foundation of theoretical knowledge and skills necessary to understand the core areas of operations management. Toward this end, this course integrates textbook learning (through readings and lectures) with real world examples (through discussion boards and case studies) to provide a full understanding of Operations. The course is also designed to encourage participation in discussion of student's job experiences as they relate to core operations topics.								
				Often we are involved with developing a new system, a new product, planning an event, or participating in an undertaking that 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 issues related to projects, working on project teams and tools used for managing projects.								
COB	MGT	MGT	5021	Management of Lean Six Sigma Programs	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Organizations are under increasing pressure to be better, faster, and cheaper. This pressure has driven many organizations to adopt process improvement methodologies, like Lean Six Sigma, to increase quality and decrease costs. This course is designed to equip students with the foundation of theoretical knowledge and skills necessary to manage Lean Six Sigma programs. The course integrates basic learning (through readings and lectures) with real world examples. After completing this course, students should understand how to effectively manage and navigate a process improvement program.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	5022	Sustainable Supply Chain Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course is very relevant to any manager, whether in a service organization or in a manufacturing company. It provides a survey of concepts and issues involved in managing an organization's supply chain, that are directly related to producing and delivering its products or services, and its sustainability over the long run. Managing resources and supply chain dynamics are a key focus of this course. Among the issues discussed are the strategic role of a supply chain, key strategic drivers of supply chain performance and common problem-solving approaches that help supply chain and logistics professionals make better decisions that contribute to the long run sustainability of the organization and its supply chain. Topics include supply chain design, planning, and operation, facilities, inventory, transportation, information management, and coordination in a Sustainable Supply Chain.								
COB	MGT	MGT	5023	Supply Chain Risk Management & Global Supply Chain Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5024	Purchasing and Supply Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Efficient and effective sourcing and procurement of raw materials and services is key to the performance of an organization. Success in a competitive business environment requires that organizations think strategically about their supply base. This course covers the procurement cycle: analyzing organizational needs, identifying and evaluating potential suppliers, negotiating a contract, and measuring and managing supplier performance. Students who complete this course will have an opportunity to learn about and apply concepts and tools of supply management.								
COB	MGT	MGT	5025	Supply Chain Project Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Projects are major undertakings that have a defined lifetime and a specific outcome, undertaken with limited resources. As such, they require a unique approach to management and administration, and it is important to understand and appreciate the techniques and concepts used for successful project management in business organizations. Strategically managing projects combines technical skills with behavioral approaches as well. This course covers issues related to successful project management in business organizations and provides an opportunity for students to learn and apply tools and concepts of project management. This course guides students through the fundamental project management tools and managerial behavior skills necessary to successfully launch, lead, and realize benefits from projects.								
COB	MGT	MGT	5030	Employee Relations, Ethics & Legal Aspects of HRM	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Master of Science in Management or MBA programs or to CTHRMG Certificate program in Human Resources 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	5032	Performance Management & Total Rewards	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: In today's globally competitive environment, organizations are more focused than ever on delivering measurable results - at an enterprise, business unit, team, and individual level. Performance, compensation and benefit systems are critical to attracting, motivating, and rewarding highly talented employees. Developing a comprehensive, effective performance management and reward system is a critical Human Resource imperative.								
COB	MGT	MGT	5060	Global Context of Business	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	5061	Cross-Cultural Management and Management of Global Talent	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: American business is international business; one third of the U.S. corporate profits are generated abroad. Yet billions of potential business dollars are lost every year because we ignore the expectations of people in foreign cultures, and the way that they do business. This course provides a framework for understanding cross cultural differences and using such knowledge in developing country specific management practices and policies. Moreover, it provides a guide for dealing with managerial issues associated with cross national environments, organizational design and adaptation, as well as those concerns of developing global talent, social responsibility and ethical behavior.								
COB	MGT	MGT	5062	Global Supply Chains and Networks	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MGT 5060 or concurrent 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5071	Ideation, Concept Development and Business Models	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: In this class students learn how to use common tools and techniques to generate, validate and assess new venture ideas. The class is principally practical focusing on ideation efforts and engages students in a process of screening, validating and building new business concepts. Students in this class learn how to use the business model canvas and other lean launch techniques to validate their business models. Critical skills, such as, pitching and selling concepts are acquired.								
COB	MGT	MGT	5072	New Venture Creation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COB	MGT	MGT	5300	Human Resource Management	Lecture	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	Lecture	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	5370	Strategic Talent Management	Lecture	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	5400	Organizational Behavior	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This organizational behavior course is designed to provide students with a foundation for understanding the impact of people and groups in and on organizations. Understanding and effectively functioning within complex organizations is a key competency for today's business leaders. The course will cover many of the fundamental topics that leaders need to understand including, leadership, motivation, conflict, negotiation, stress management, managing diversity, and much more. Students will learn relevant theoretical and factual information and will participate in numerous active learning activities. Critical thinking is emphasized through hands-on activities, exercise discussions and cases that will help to build familiarity with key concepts. Students will study and learn about human behavior in organizations.								
COB	MGT	MGT	5430	Managerial Decision Making	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	MGT	5550	Creativity and Innovation Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit for both this course and the following: MGT 3550						
		COURSE DESC:		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	5580	Managing Transformations and Organizational Change	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: no credit for both this course and the following: MGT 4580						
		COURSE DESC:		This course 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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 Study	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		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	Masters of Science in Management Capstone Project	Research	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR In this course masters candidates apply prior coursework in the Masters 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.								
COB	MGT	MGT	5950	Seminar	Seminar	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Jr only						
		COURSE DESC:		CR, PR 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	Lecture	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	PRCM	3250J	Business Communication	Lecture	3	0	1J; FAW	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	SAM	1000	Entrepreneurial Accounting	Lecture	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.								
COB	MGT	SAM	3000	Managing Systems and Projects	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	SAM	3010	Managing Processes and Supply Chains	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr						
		COURSE DESC:		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.								
COB	MGT	SAM	3020	Consumer Marketing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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.								
COB	MGT	SAM	3030	Introduction to Bachelor of Science in Business (BSB) and Career Development	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course introduces students to the College of Business and the Bachelor of Science in Business (BSB) program. Students explore careers and leadership while learning insight into the professional world. Students develop knowledge and experience important for career management, networking, job search strategies, and interviewing.								
COB	MGT	SAM	3050	Supervision Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Supervisory Management is an introduction to the field of management at the supervisory level which includes the functions and roles of management in organizations.								
COB	MGT	SAM	3100	Foundations of Financial Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr						
		COURSE DESC:		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.								
COB	MGT	SAM	3250J	Strategic Managerial Communication	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (Jr or Sr)						
		COURSE DESC:		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.								
COB	MGT	SAM	3905	Internship and Career Preparation	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides students with a structured planning approach to optimize their internship experience. Students focus on personal and professional development, self-reflection, skill development, and building professional relationships and networks during the planning for an internship experience.								
COB	MGT	SAM	3910	Internship	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	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)								
COB	MGT	SAM	4700	Managing Strategically in the Future	Lecture	3	0	3; CAP	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.								
COB	MGT	SAM	4900	Special Topics Science in Applied Management	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	2020	Marketing Principles	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB major except BS5511 or BS6108 or BS6109 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COB and ECON 1030						
		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	Lecture	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	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR HTC tutorial in Marketing								
COB	MKT	MKT	2981T	HTC Marketing Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR HTC tutorial in Marketing								
COB	MKT	MKT	3020	Consumer Marketing	Lecture	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	3400	Non-Profit Marketing	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MKT 2020 or MKT 2400						
		COURSE DESC:		The course provides students the opportunity to use marketing knowledge to create and execute a marketing plan for a nonprofit client. Students will transfer general marketing concepts to nonprofit marketing contexts in order to make connections between knowledge and experience. Students will also use reflection to self-assess knowledge and skills.								
COB	MKT	MKT	3440	Consumer Research	Tutorial	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course provides a tutorial on planning, executing, and delivering consumer research projects. The topics include consumer research design, methods, data analysis, and consumer insights. The course emphasizes practical applications through a live client consumer research project.								
COB	MKT	MKT	3580	Foundations of Professional Sales	Lecture	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	3600	Entrepreneurial Sales	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course develops students personal selling and sales management skills in the unique and diverse arena of entrepreneurial ventures. The course is divided into three major themes based on the evolutionary stages of a business venture and highlight the primary roles involved in managing the business and sales through these stages.								
				The course employs weekly instructional lectures and workshops on the techniques of successful selling methods for approaching different types of entrepreneurial sales environments, sales force management and the successful evolution to a growing business and sales environment. In addition, the course introduces the world of entrepreneurship, how to start your own business, what it's like to own your own business and the dynamics that make a good entrepreneur.								
COB	MKT	MKT	3790	Marketing Research	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(MKT 2020 or 2400) and (QBA 1720 or 2010 or MATH 2500 or PSY 1110 or 2110)						
		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	Internship	1 to 3	6	BLD	N	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	3919	Internship	Internship	1 to 3	3	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required and 2.5 GPA						
		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.								
COB	MKT	MKT	3970T	HTC Marketing Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		HTC Marketing tutorial								
COB	MKT	MKT	3980T	HTC Marketing Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		HTC Marketing Tutorial								
COB	MKT	MKT	4040	Logistics and Supply Chain Management	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	BDP	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. This course also builds awareness of ethical, international, and cross-cultural issues, primarily, as they relate to marketing decisions, encourages the search for cross-cultural contact, and creates cultural curiosity in the students to guide students to become Global Citizens.								
COB	MKT	MKT	4440	Consumer Behavior	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	4580	Sales Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 3580								
				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	4600	Brand Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 2020 or 2400								
				The course provides an overview of the key principles of brand building and brand management. The topics include designing effective brand strategy and tactics, developing a brand value proposition, managing brand portfolios, cobranding, brand repositioning, brand extensions, brand valuation, and the legal aspects of protecting the brand. The course emphasizes practical applications and case studies.								
COB	MKT	MKT	4630	Marketing Strategy	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 2400 and 3580 and 3790 and 4440 and SR								
				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	4650	New Product Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 2020 or 2400								
				The course provides an overview of the key principles of new product development and product management over a product's life cycle. Topics include target market identification, product value propositions, product adoption, new product development processes, product positioning, and product mix strategies. Course emphasizes practical applications and case studies.								
COB	MKT	MKT	4680	Consultative Sales	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 3580								
				Sales capstone course for college seniors focused on selling as a career. Students learn how to successfully match the selling process with a decision maker's buying process.								
COB	MKT	MKT	4700	Marketplace Analytics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 2400 and MIS 4580 and QBA 3720								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 3580								
				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	4900	Special Topics in Marketing	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: Permission required								
				PR								
		COURSE DESC:		This course covers special topics of interest in Marketing.								
COB	MKT	MKT	4910	Sales Internship	Internship	1 to 3	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: Permission required								
				CR, PR								
		COURSE DESC:		Sales Internship								
COB	MKT	MKT	4919	Marketing Internship	Internship	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE: Permission required								
				PR, F								
		COURSE DESC:		Marketing internship								
COB	MKT	MKT	4930	Independent Study	Ind Study	1 to 3	12		N	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	Research	1 to 3	15	BLD	N	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	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: Permission required								
				CR, PR								
		COURSE DESC:		This course covers special topics of interest in Marketing.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	MKT	6900	Special Topics in Marketing	Seminar	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	Field	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 Study	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	Permission required							
		COURSE DESC:		Readings on topics selected in consultation with faculty member.								
COB	MKT	MKT	6940	Independent Research	Research	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR	Permission required							
		COURSE DESC:		Research under direction of faculty member.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	1001	Inside the Business of Sports	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course is an 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course will follow key trends in the development of sport industry in America from the early 19th Century through present day.								
COB	SA	SASM	2900	Special Topics in Sports Administration/Sports Management	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		Specific course content will vary with offering.								
COB	SA	SASM	2920	Practicum in Sport Management	Practicum	1 to 6	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		Practicum is a field experience that allows students to observe and document how working sports professionals perform their job responsibilities and relate that to their individual career goals.								
COB	SA	SASM	2970T	Sport Management Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Individualized tutorial for HTC students only to introduce the sport management program and sport industry.								
COB	SA	SASM	2971T	Sport Management Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Tutorial course designed to be taken in Sport Management HTC student's first year.								
COB	SA	SASM	2980T	Sport Management Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Individualized tutorial for Sport Management HTC students.								
COB	SA	SASM	2981T	Sport Management Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Individualized honors tutorial course designed for second year Sport Management HTC students.								
COB	SA	SASM	3010	Sport Marketing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course 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	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course focuses on 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
COB	SA	SASM	3400	Sport Data Strategy and Innovation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course is designed for today's aspiring sport business executive seeking competitive advantage through leveraging data and innovation across the organization. Students adopt the executive's vantage point as they address sport data strategy, as well as make the most effective investments in people, data, systems, and organizational structure to support sport innovation. Developing a data-driven culture, personnel management, and opportunity identification are addressed.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	3500	External Relations in Sports	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1001 or SASM 1010								
				This course 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1010								
				This course 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. The course may require additional student attendance at events outside of the normal class period.								
COB	SA	SASM	3910	Internship in Sport Management	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: SASM 2920 and Sport Management major in Junior or Senior standing. Permission required.								
				PR, F								
				Internship experience that provides opportunities to learn by participating in day-to-day activities of a sports and entertainment-related organization for a minimum of 90 total hours for 1.0 credit hour. Intended for a sports and entertainment-related organization experience following sophomore year.								
COB	SA	SASM	3970T	Sport Management Tutorial	Tutorial	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC								
				Individualized tutorial for Sport Management HTC students.								
COB	SA	SASM	4000	Diversity, Equity and Inclusion in Sport	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1001 or SASM 1010								
				Examines the role of sport in the lives of women, ethnic 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. It includes a discussion of issues and controversies affecting these populations, a look at their sport structures, and a highlight of select individuals as athletes, coaches, and administrators within these populations.								
COB	SA	SASM	4010	Advanced Sport Event Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 3760								
				This course will explore the process of the design and implementation of recreational and sporting events. An in-depth discussion pertaining to the planning, development, management, and implementation of these events. Specific attention will be given to the venue needs, financing, marketing, and various operational aspects of hosting recreational and sporting events. The course may require additional student attendance at events outside of the normal class period.								
COB	SA	SASM	4020	Advanced Sport Facility Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 3760								
				This course is designed to apply best principles of facility management to various recreational and sports facilities. Emphasis is placed upon operational efficiency, quality of service and fiscal responsibility. The course may require additional student attendance at facility tours outside of the normal class period.								
COB	SA	SASM	4110	International Sport Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1001 or SASM 1010								
				This course 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	4130	The Business of Baseball	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1001 or SASM 1010								
				This course provides students the opportunity to explore the managerial aspects of operating a baseball team, facility and event with the community-owned, student-operated Southern Ohio Copperheads in Athens, Ohio. It combines classroom instruction with hands-on service learning on how to operate a summer collegiate baseball team. The course focuses on 501 (c)3 non-profit operations as a member of the Great Lakes Summer Collegiate League.								
COB	SA	SASM	4140	The Business of Esports	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides students with an overview of the business of esports. This course focuses on the history of video games from creation to the development of the modern, competitive gaming environment.								
COB	SA	SASM	4180	Economics of Sport	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SASM 1001 or SASM 1010								
				This course is 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	4200	Sport Analytics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: QBA 1720								
				This course introduces students to the fundamental concepts and tools necessary to understand the emerging role of business analytics for making better decisions to advance sport organizations, both on and off the field. Students explore how leveraging data can create competitive advantage, review the analytics language, gain experience evaluating data, and gain knowledge regarding contemporary software options as they relate specifically to the sport industry.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	4250	Financial Issues in Sport	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SASM 1001 or SASM 1010						
		COURSE DESC:		This course 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SASM 1001 or SASM 1010						
		COURSE DESC:		This course focuses 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SASM 1001 or SASM 1010						
		COURSE DESC:		This course 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SASM 2250 and FIN 3000 and MGT 2100 and MIS 2020 and MKT 2400						
		COURSE DESC:		This course 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	Sport Ticket Sales and Revenue Streams	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SASM 1001 or SASM 1010						
		COURSE DESC:		This course examines the many sources of revenue that drive the sport industry at the professional and intercollegiate levels including media rights, sponsorships, stadium game day, and a specific focus on the process and implementation of effective ticket selling.								
COB	SA	SASM	4500	Bobcat Sport Consulting	Seminar	3	0	3; BER; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sport management major and Sr only						
		COURSE DESC:		This course allows students to apply the principles and concepts of sport management and to demonstrate critical thinking, planning, research, and ethical decision-making skills required of sport managers. This course applies a variety of key business concepts towards effective decision-making in the sports and entertainment industry. This capstone features an industry project with a live client in the continental United States that is funded by each individual student. A local option (Athens-based) is offered for those who are unable to travel at no additional cost.								
COB	SA	SASM	4900	Special Topics in Sports Administration/Sports Management	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								
COB	SA	SASM	4915	Sports Management Expedition	Lecture	1 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students participate in an experiential learning opportunity within the context of sport and entertainment management.								
COB	SA	SASM	4970T	Sport Management Thesis Tutorial	Tutorial	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only to prepare students to conduct in depth research on a sport business topic. This is a thesis tutorial.								
COB	SA	SASM	4980T	Sport Management Thesis Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only to prepare students to conduct in depth research on a sport business topic. This is a thesis tutorial.								
COB	SA	SASM	5000	Diversity and Inclusion in Sport	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course 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. It includes a discussion of issues and controversies affecting these populations, a look at their sport structures, and a highlight of select individuals as athletes, coaches, and administrators within these populations.								
COB	SA	SASM	5110	International Sport Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	5180	Economics of Sport	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is 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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		Specific course content will vary with offering.								
COB	SA	SASM	6001	Sport Business Seminar	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		This class provides an overview of the various segments of the sports and entertainment industry. It also introduces foundational business concepts applicable to sport organizations.								
COB	SA	SASM	6002	Entrepreneurship in Sport Business Seminar	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		This class provides students with background knowledge and application to develop a business plan for a sport related venture.								
COB	SA	SASM	6003	Professional Development Seminar	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		This class prepares students for a career in the sports and entertainment industry. Students will develop career-related tactics, as well as goals and strategies for their job search.								
COB	SA	SASM	6010	Sports Administration in North Carolina	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		This course explores the various aspects of sports administration in North Carolina. Specific attention is given to discussing the breadth and depth of professional opportunities in the sports and entertainment industry. Students have the opportunity to tour at least four sports and entertainment venues to examine current issues and trends.								
COB	SA	SASM	6015	Sports Administration Expedition	Seminar	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to COB graduate or certificate program or permission								
		COURSE DESC:		Students participate in an on-site experiential learning opportunity within the context of sport and entertainment administration.								
COB	SA	SASM	6040	Administration of Interscholastic Athletic Programs	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		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	6100	Leadership in Sports Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		This course applies contemporary management and leadership theories to sport. This course also discusses leadership roles in the sports industry and applying theoretical knowledge to the practical day-to-day leadership needs of sports organizations.								
COB	SA	SASM	6110	Foundations of Sport Business	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		This course focuses on the multi-billion dollar sports industry and the challenges faced by today's sports business leaders. This course discusses a wide range of the industry segments and corresponding issues that impact each segment. The course also provides students with an overview of business disciplines and their application to sport.								
COB	SA	SASM	6260	Sport Governance and Policy Development	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		COURSE DESC:		This course provides an in-depth look at governance systems of sport organizations, as well as an overview of the policy development process. The course addresses current issues faced by sport administrators and focuses on strategic decision-making.								
COB	SA	SASM	6280	Legal Foundations of Risk Management in Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		COURSE DESC:		This course provides students with an understanding of the legal foundations of risk management that may 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6320	Foundations of Interscholastic Athletic Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides students with an overview of the foundations of interscholastic athletic administration, covering the roles, responsibilities, and professional preparation of the interscholastic athletic director, the purpose of education-based athletic programs, and methods for assessing the effectiveness of interscholastic athletic programs.								
COB	SA	SASM	6330	Governance and Strategic Planning for Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides an in-depth look at governance systems of sport organizations relevant to interscholastic athletic administrators, including governing bodies at the international, national, state, and local levels. Participants discuss current issues in interscholastic athletics with a focus on addressing these issues through the development of policies and procedures. This course also covers strategic planning for interscholastic athletics programs.								
COB	SA	SASM	6340	Data Analysis and Communication for Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides an overview of how to effectively collect, organize, analyze, and present data related to interscholastic athletics. This includes identifying secondary sources, methods of collecting primary data, and using statistical tools to present and evaluate the data.								
COB	SA	SASM	6350	Ticket Operations and Sales	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	This course prepares students for sport industry careers in ticket operations, box office management, inside sales, group sales, and corporate ticket sales. The course discusses the ticket sales process for inside, group, special, premium and luxury seats via planning, direct, and indirect selling methods.							
COB	SA	SASM	6350	Ticket Operations and Sales	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	This course prepares students for sport industry careers in ticket operations, box office management, inside sales, group sales, and corporate ticket sales. The course discusses the ticket sales process for inside, group, special, premium and luxury seats via planning, direct, and indirect selling methods.							
COB	SA	SASM	6351	Legal Foundations in Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides students with an understanding of legal concepts that may affect operations of interscholastic athletics. Specific attention is given to legal system foundations, fundamentals of risk management, constitutional law, negligence and Title IX.								
COB	SA	SASM	6352	Facility and Event Management in Interscholastic Athletic Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course focuses on the theory and practice of planning and managing facilities and events in interscholastic athletics. The course covers the complexities involved in managing various types of athletic facilities and stakeholder groups in the planning and execution of athletic events. Topics covered in this course include the strategic management of athletic facilities, facility construction and renovation, maintenance of athletic facilities and equipment, and scheduling of facility use by school and non-school users. In addition, the course covers the steps in planning and executing interscholastic athletic events.								
COB	SA	SASM	6353	Financial Administration in Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course introduces students to issues and problems in finance and financial management as they apply to interscholastic athletics. The primary focus of the course is on planning and financial management in high school and middle school athletic programs.								
COB	SA	SASM	6354	Human Resources Management in Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides an overview of human resources related policies and functions in interscholastic athletic administration, including hiring and supervision of staff and best practices for diversity/inclusion initiatives. This course also covers legal issues related to human resources, including harassment, discrimination and the Fair Labor Standards Act.								
COB	SA	SASM	6355	Marketing in Interscholastic Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course examines and applies the fundamentals of marketing to interscholastic athletics. The course covers the principles of consumer behavior, branding, the marketing mix, and sponsorship, and culminates with students developing a marketing plan for an interscholastic athletic program or event.								
COB	SA	SASM	6356	Leadership and Ethics in Interscholastic Athletic Admin	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course applies contemporary management, leadership and ethics theories to interscholastic athletics. This course also discusses leadership roles in interscholastic athletic administration and applying theoretical knowledge to the practical day-to-day leadership needs in interscholastic athletics.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6380	Interscholastic Athletic Leadership Seminar	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course teaches students to lead an interscholastic athletic department, specifically focusing on prioritizing competing interests in interscholastic athletics (safety, budgets, resources) and the creation and communication of a shared vision with stakeholders (students, parents, coaches, administrators, community members). This course coincides with the annual on campus Athletic Leadership Forum (on campus residency).								
COB	SA	SASM	6390	Interscholastic Athletic Administration Capstone	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides a culminating and integrative experience for students pursuing careers in interscholastic athletic administration. Students review and analyze academic content and experiential learning assignments from courses taken as they work toward completion of a Master of Science in Athletic Administration degree. This course ensures that students are able to clearly articulate the business principles learned in this degree program. A thorough review of important academic and practical application components is used to develop a professional career portfolio.								
COB	SA	SASM	6410	Sport and Development	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course discusses the use of sports as an instrument of development in developing countries where sport-in-development initiatives have been used in an attempt to empower marginalized groups and enhance general quality of life. This course discusses sports and development Non-Governmental Organizations (NGOs) and how sport is used as tool for nation or community building.							
COB	SA	SASM	6420	Ethics in Sports	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course focuses on moral and ethical principles to help sports administrators develop and articulate a personal ethical philosophy and practice ethical decision-making and social responsibility. This course discusses concepts of morality, ethical theories, social responsibility of sport organizations, codes of conduct, and professional codes of ethics.							
COB	SA	SASM	6470	Athletic Fundraising	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course provides an overview of the concepts and applications of fundraising and development for the non-profit sector, focusing on educational and charitable organizations in sport.							
COB	SA	SASM	6475	Applied Sports Fundraising and Development in ICA	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program.						
		COURSE DESC:		This course applies the principles and practices of sport business revenue strategies as it relates directly to the intercollegiate athletics (ICA) fundraising and development aspect of revenue generation. Student teams work with a live client project to identify alternative scenarios for solutions/opportunities and provide conceptual justification for recommendations using relevant sport business revenue strategies. Alternatively, student teams outline the key issues and/or opportunities of a case study. This student-led project is action-based.								
COB	SA	SASM	6480	Public Assembly Facility and Event Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	This course examines the various aspects of managing public assembly facilities and events, including planning and production, booking and scheduling, contracts, budgeting, ticketing, security, food and beverage, crowd management, event bidding, security, and risk management.							
COB	SA	SASM	6550	Sport Marketing	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course introduces marketing fundamentals and dynamics of the relationships that exist among sports organizations and their varied consumers. This course focuses on the planning and implementing organizational strategies and programs to enhance relationships with consumers and consumer groups in sports and sports-related organizations.							
COB	SA	SASM	6560	Applied Sports Marketing Project	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program.						
		COURSE DESC:		This course applies the principles and practices of sport business revenue strategies as it relates directly to the sports marketing aspect of revenue generation. Student teams work with a live client project to identify alternative scenarios for solutions/opportunities and provide conceptual justification for recommendations using relevant sport business revenue strategies. Alternatively, student teams outline the key issues and/or opportunities of a case study. This student-led project is action-based.								
COB	SA	SASM	6570	Sponsorship in Sports	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course discusses current factors and issues related to sports sponsorship, including sponsorship planning, sales and negotiations, and sponsorship proposals and evaluations. Students prepare a comprehensive sponsorship plan for a sport or sports-related property.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6575	Applied Sports Sponsorship Project	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program.						
		COURSE DESC:		This course applies the principles and practices of sport business revenue strategies as it relates directly to the sports sponsorship aspect of revenue generation. Student teams work with a live client project to identify alternative scenarios for solutions/opportunities and provide conceptual justification for recommendations using relevant sport business revenue strategies. Alternatively, student teams outline the key issues and/or opportunities of a case study. This student-led project is action-based.								
COB	SA	SASM	6580	Revenue Generation in Sport	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course focuses on the strategic role that revenue generation plays in the global sport and entertainment industry. The course equips students with the skills to assess the value of sponsorship from both a buyer and seller perspective, understand the role that research plays sponsorship evaluation, and create a sponsorship plan for a sport-related organization.							
COB	SA	SASM	6585	Sport Business Revenue Strategies	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides a foundation in the principles and significance of sales and revenue generation in the business of sport through a mix of theoretical fundamentals and practical application. It covers key sales and revenue generation elements such as the sport sales process and how to market and manage business assets in areas such as sponsorships, media rights, branding/merchandise, concessions, ticket sales, fundraising, development, and legalized gambling. This course also introduces students to the essential skills that lead to becoming successful revenue generators in the field of sport.								
COB	SA	SASM	6650	Governance in Intercollegiate Athletics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course focuses 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	6670	Human Resource Management in Sport Organizations	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		PR	This course provides an overview of human resources in sport organizations. Students will discuss managerial functions in sport organizations.							
COB	SA	SASM	6700	Financial Management for Sport Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course introduces 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	This course reviews statistical applications and research in sport administration. Topics include foundational statistical concepts, survey design, presentation of research results, and uses of research to address issues in sport.							
COB	SA	SASM	6850	Introduction to Sport Analytics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides students with the fundamental concepts and tools necessary to understand the emerging role of business analytics for making better decisions to advance sport organizations, both on and off the field. Students explore how leveraging data can create competitive advantage, learn the analytics language, gain experience evaluating data, and gain knowledge regarding contemporary software options. Emphasis is placed on applications, concepts, and introductory level calculations with the use of readily applicable analytics tools.								
COB	SA	SASM	6880	Contemporary Issues in Sport Administration	Lecture	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	Select issues in sports administration are discussed.							
COB	SA	SASM	6900	Special Topics in Sports Administration/Sports Management	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	Specific course content will vary with offering.							
COB	SA	SASM	6910	Internship in Sports Administration	Field	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		CR, PR	Internship experience that provides opportunities to learn by participating in day-to-day activities of a sports and entertainment-related organization.							

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	SASM	6920	Practicum	Practicum	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		Practicum is a field experience that allows students to observe and document how working sports professionals perform their job responsibilities and relate that to their individual career goals.								
COB	SA	SASM	6930	Guided Independent Study	Ind Study	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		Specific independent study area in the sports and entertainment industry will vary by student.								
COB	SA	SASM	6931	Special Problems	Ind Study	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		Individual or 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	Seminar	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		This course provides a culminating and integrative experience for students pursuing careers in sport. Students develop a professional portfolio specific to their own career path.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	1000	Using Communication Tools	Lecture	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	1900	Learning Community Seminar	Lecture	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	Practicum	1	3	BLD	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	2400	Introduction to Communication Innovation	Lecture	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		The course serves Scripps College of Communication Innovation Scholars and provides an overarching perspective on the breadth of communication innovation, through the use of guest speakers, readings, and small team-based project work. Guest speakers include faculty, students and prominent alumni on the cutting edge of innovation as it relates to communication. Students explore creative thinking through problem-solving exercises. In addition, Scripps College of Communication Innovation Scholars are also OHIO HONORS recipients; this course introduces the three main precepts of the OHIO Honors program (research and creative activity, leadership, and community engagement), therefore reducing the need to take HC 2400 Intro to OHIO Honors.								
COM	COM	COMM	2420	Communication Innovation Studio	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COMM 2400								
		COURSE DESC:		Scripps College of Communication Innovation Scholars will undertake discipline-specific projects in a collaborative environment. Students in this course also earn an OHP co-curricular for mentorship of first-year students.								
COM	COM	COMM	2900	Special Topics in Communication	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COM	COM	COMM	2920	Immersive Media Practicum	Practicum	2	4	BLD	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	3250	Virtual Reality: Project Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 1200 and permission								
		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.								
COM	COM	COMM	3400	Communication Innovation Studio II	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COMM 2420								
		COURSE DESC:		This is the second studio course in the Scripps College of Communication Innovation Scholars program. Students complete discipline-specific projects in a collaborative environment that emphasizes innovation and contact with communication professionals.								
COM	COM	COMM	3400X	Communication Innovation Studio II	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:		This is the second studio course in the Scripps College of Communication Innovation Scholars program. Students complete discipline-								
COM	COM	COMM	3800	Communication Industries and Organizations Abroad	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course is a seminar approach to topical interest in communication industries and organizations throughout the world. Students critically explore the broader cultural, political and socioeconomic issues for a selected industry and region, and compare with current practices in the U.S.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	3900	Special Topics in Communication	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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.								
COM	COM	COMM	3920	Immersive Media Practicum	Practicum	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COMM 2920								
		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.								
COM	COM	COMM	4000	Applied Communication Capstone	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 hours in Applied Communications including COMS 3420 and Sr status								
		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.								
COM	COM	COMM	4023	Storytelling, Technology and Digital Media in Theme Parks	Laboratory	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 hours of COMS or ITS or JOUR or MDIA or VICO and Sr standing								
		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.								
COM	COM	COMM	4023	Storytelling, Technology and Digital Media in Theme Parks	Lecture	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 15 hours of COMS or ITS or JOUR or MDIA or VICO and Sr standing								
		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.								
COM	COM	COMM	4260	Virtual Reality: Advanced Production	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 3210 or 3220 or 3230								
		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.								
COM	COM	COMM	4920	Immersive Media Practicum	Practicum	3 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 3920								
		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.								
COM	COM	COMM	5011	Crisis Communication Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F Students learn to define a crisis and identify the four fundamental categories of crises; to identify and understand the two major types of crises; and to develop the crisis communication plan as the key component within the overall crisis plan.								
COM	COM	COMM	5012	Media for Non-Journalists Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F This seminar prepares students to use media to promote a finding, idea, or concept. It provides an overview of media, media messaging, translating terms and findings, message delivery and some best practices on how to give an effective interview.								
COM	COM	COMM	5013	Media for STEM Professionals Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F This seminar prepares STEM professionals to interact with media to promote a finding, idea, or grant-funded research. It provides an overview of media, media messaging, translating research and research findings, message delivery and some best practices on how to give an effective interview.								
COM	COM	COMM	5014	Diversity, Ethics, and Social Responsibility in Communication Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F In this seminar students begin to consider the ethical, cultural, and societal consequences of creating and delivering messages to various publics. It examines the impact of those messages on various groups and introduces the concept of socially responsible communication.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	5018	Strategic Communication Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		This seminar introduces students to the components of a strategic communication plan. Focus centers on how to use strategic thinking to assess goals and objectives, create messaging and plan for delivery of strategic communication content.								
COM	COM	COMM	5250	Virtual Reality: Project Development	Lecture	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.								
COM	COM	COMM	5300	Crisis Communication and Planning	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5011 or concurrent								
		COURSE DESC:		This course prepares the student to plan for a crisis, recognize, communicate, and operate within a crisis to ensure resiliency, and to recover from a crisis. The concepts are foundational and follow national standards. The focus is learning through exploring crisis events, case studies of organizations and most importantly, developing the fundamental structure of a crisis plan outline and crisis communication plan and implementing a follow-up system to ensure the plan is always ready to implement.								
COM	COM	COMM	5310	Crisis Communication Strategy	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5300								
		COURSE DESC:		This course prepares the student to develop key message baselines before a crisis; to communicate with speed, accuracy, and to provide credibility skills in a crisis; to monitor information and prevail with the truth in a crisis; and to provide perspective on cause marketing and communication beyond the crisis.								
COM	COM	COMM	5320	Social Analytics in Crisis Communication	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course prepares the student to collect, analyze, and present social data from a crisis situation to ensure resiliency and timely crisis management. The focus is on analyzing online social interactions in crisis situations using analytics techniques.								
COM	COM	COMM	5400	Media Today and Tomorrow	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5012 (or concurrent)								
		COURSE DESC:		A retrospective of media introduces students to the changing landscape of media and how it is being redefined and traversed by business professionals, non-profits and average citizens. Students learn how to be good sources for positive public information and how to create their own understandable media messages. Message development and delivery are emphasized. Students also explore the future of media and the impact on society.								
COM	COM	COMM	5401	Introduction to Media for STEM	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5013 (or concurrent)								
		COURSE DESC:		This course introduces students to the changing landscape of media and how it is being redefined and traversed by STEM professionals. Students learn how to be good sources for positive information related to STEM research and projects and how to create their own understandable media messages. Message development and delivery for areas related to Science, Technology, Engineering and Math are emphasized.								
COM	COM	COMM	5410	Crafting a Positive Media Message	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5400								
		COURSE DESC:		Students learn how to take complex business concepts or personal messages and synthesize the information into cogent media messages for public consumption. Message targeting, delivery and personal branding skills are developed. Media interviewing techniques are analyzed and strategies explained on how to avoid traps for interviewees.								
COM	COM	COMM	5411	Crafting a Positive Media Message for STEM	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5401								
		COURSE DESC:		Students learn how to take complex concepts, research findings and data and synthesize the information into cogent media messages for public consumption. Media interviewing techniques are analyzed and strategies explained. Students learn how to shape, promote and deliver policy messages that resonate with the public.								
COM	COM	COMM	5420	Mastering the Media Interview	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5410								
		COURSE DESC:		This course emphasizes best practices for how to be interviewed. Topics includes creating sound bites, elevator pitches and understandable descriptions for the interview. Through mock interviews student learn to maximize messaging throughout the interview process.								
COM	COM	COMM	5421	Mastering the STEM Media Interview	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMM 5411 and WARNING: No credit if taken after COMM 5420								
		COURSE DESC:		This course emphasizes best practices for how to be interviewed. Topics includes creating sound bites from scientific research, interview preparation and interview delivery techniques. Through mock interviews student learn to maximize scientific messaging throughout the interview process.								
COM	COM	COMM	5510	Short Form Video for Professional Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores the creation of short form video as a method for communication in professional industries. Examines tools and technologies, content production and distribution strategies. Consumer platforms are employed to ensure flexible production practices.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	COMM	5520	Motion Graphics Elements for Professional Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is an introduction to asset design and motion graphics. Students will learn graphic design principles for the ideation, development, and production of motion graphics. This course emphasizes dynamic, thoughtful, and appropriate communication and design solutions.								
COM	COM	COMM	5610	Assessing Digital Media Transformation & Innovation	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Prepares students to engage digital media transformation within professional contexts. Students work to implement innovative digital media solutions with emphasis placed on critical analysis of new technologies and real-world benefits of disruptive media. Special emphasis is placed on networking, peer-evaluation, and media-centric business model frameworks.								
COM	COM	COMM	5800	Strategic Communication Fundamentals	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course introduces students to the field of strategic communication. Students examine and apply theories, concepts, and frameworks employed in a contemporary professional setting. This course is one of three courses which fulfill the requirements of the Strategic Communication Management graduate certificate.								
COM	COM	COMM	5830	Media Planning Fundamentals	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students identify and create the key components of a media plan. Students develop an integrative media plan, drawing on both digital and traditional media. Students identify, prepare, critique, and assess comprehensive media plans in various professional contexts.								
COM	COM	COMM	6000	Introduction to Graduate Research in Communication	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides an overview of the communication discipline and key research issues and methods in different areas of the field.								
COM	COM	COMM	6960	Master's Capstone	Thesis	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR								
				In consultation with an advisor and program committee, students select and complete a capstone experience that fits with their professional and academic goals: applied project or e-Portfolio.								
COM	COM	POCO	4010	Seminar in Political Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	POCO 2010						
		COURSE DESC:		PR								
				Senior-level research course investigating selected aspects of political communication.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	1010	Fundamentals of Human Communication	Lecture	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: COMS major 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	Lecture	3	0	2HL; BDP; BER; BSL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The Fundamentals of Public Speaking course develops understanding of theories and skills related to successful communication in the presentational speaking context. Through the use of interpretive and rhetorical methods students understand meaning, context, culture, diversity, ethics, research, and language in the development and delivery of informative and persuasive speeches that are informed by and adapted to desired audiences.								
COM	COMS	COMS	1100	Communication Among Cultures	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The purpose of this course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. 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 explore how communication is a key component of bridging cultural differences.								
COM	COMS	COMS	1100C	Communication Among Cultures	Lecture	3	0	2CP; BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The purpose of this course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. 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 explore how communication is a key component of bridging cultural differences.								
COM	COMS	COMS	1170	Beginning Forensics	Lecture	1 to 3	6		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: Permission required 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in COMS 1030 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	Lecture	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: COMS 1170 PR, F 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	2200	Oral Interpretation of Literature	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: COMS major and (Soph or Jr or Sr) 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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	Organizational Communication for Nonmajors	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: Not BC5363 or BC5364 and no credit for this course and COMS 3500 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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.								
COM	COMS	COMS	2970T	Communication Studies Tutorial	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: HTC PR 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	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: HTC PR In-depth study of a topic in Communication Studies.								
COM	COMS	COMS	2980T	Communication Studies Tutorial	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: HTC PR In-depth study of a topic in Communication Studies.								
COM	COMS	COMS	2981T	Communication Studies Tutorial	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: HTC PR In-depth study of a topic in Communication Studies.								
COM	COMS	COMS	3060	Interpersonal Conflict Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	3300	Environmental Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				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	Lecture	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: COMS 2500 or COMS major								
				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	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr								
				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 .								
COM	COMS	COMS	3501	Advanced Organizational Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: COMS 3500								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	3600	Introduction to Communication in Public Advocacy	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	3660	Cultural Studies and Beer	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course is designed to provide a cultural studies approach to beer, a common commodity in the United States and abroad. Specifically, this course examines how communication influences and is influenced by the production, consumption, representation, and distribution of beer, and how communication intersects with issues of identity in beer choices in the processes. Students study multiple theoretical, conceptual and methodological approaches to understanding this intersection of communication and an important artifact of public culture. The course requires students to think critically about their own and others' interaction with beer.								
COM	COMS	COMS	3920	Practicum in Communication Education	Practicum	3	0	BLD	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	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC								
		COURSE DESC:		PR In-depth study of a topic in Communication Studies.								
COM	COMS	COMS	3980T	Communication Studies Tutorial	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC								
		COURSE DESC:		PR In-depth study of a topic in Communication Studies.								
COM	COMS	COMS	4030	Advanced Presentations	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4050	Meeting and Conference Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in COMS 2050 and (Jr or Sr) and WARNING: No credit for this course if taken after 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.								
COM	COMS	COMS	4060	Advanced Interpersonal Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in COMS 2060						
		COURSE DESC:		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	Lecture	3	0		N	U30		55
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	4071	Nonverbal Communication for Teachers and Trainers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	4074	Family Communication for Teachers and Trainers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	4076	Children's Conflict and Mediation for Teachers and Trainers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4077	Communicating with Diverse Students	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	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	Lecture	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	Lecture	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.								
COM	COMS	COMS	4100	Cross-Cultural Communication	Lecture	3	0		N	U30		0
		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.								
COM	COMS	COMS	4110	Communicating with People with Disabilities	Lecture	3	0		N	U30		0
		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.								
COM	COMS	COMS	4200	Gender and Communication	Lecture	3	0		N	U30		0
		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.								
COM	COMS	COMS	4300	Health Communication in Neglected Tropical Disease Contexts	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Effective communication is a core competence for responses to neglected tropical disease (NTD) threats. This course seeks to build capacity to allow systematic and coherent communication, response and management to NTDs. This course introduces a conceptual approach to tropical disease communication that emphasizes community listening and engagement, relationship building, creating supportive environments, and coordinating with other social and knowledge communities to reduce risk of exposure to tropical diseases and to create sustainable social change that ameliorates the impacts of NTDs on individuals and communities. Students may benefit from having already completed HLTH 2000 - Introduction to Public Health or COMS 3400 - Introduction to Health Communication.								
COM	COMS	COMS	4410	Communication in the Family	Lecture	3	0		N	U30		0
		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.								
COM	COMS	COMS	4501	Communication & Nonprofit Organizing	Lecture	3	0		N	U30		0
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4510	Instructional Training and Development in Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 9 hours in COMS and (Jr or Sr)								
		COURSE DESC:		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.								
COM	COMS	COMS	4530	Communication and the Campaign	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COMS 2020 and (Jr or Sr)								
		COURSE DESC:		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.								
COM	COMS	COMS	4604	Responsibilities and Freedom of Speech in Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Ethical and rhetorical implications of constitutional guarantees on political, social, and religious speech; analysis of effects of famous legal cases on freedom of speech.								
COM	COMS	COMS	4630	Rhetoric and Electronic Media	Seminar	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	Seminar	3	0	3; CAP	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	Seminar	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	Internship	1 to 15	15	BLD	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	Internship	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	Internship	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	Internship	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	Practicum	3	0	BLD	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 Study	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	Tutorial	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	4980T	Communication Studies Tutorial	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		Thesis in Communication Studies								
COM	COMS	COMS	5070	Effective Classroom Communication for Teachers and Trainers	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	5100	Field Research Methods in Communication	Seminar	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	Seminar	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	5220	Facilitating Difficult Conversations	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines communication theory and practice to help prepare students to facilitate conversations about contentious, potentially divisive topics. The course draws on concepts from group, organizational, and political communication to explain why conversations about difference often develop into polarizing and dehumanizing discourse, and how practices of public dialogue and deliberation offer alternative ways to communicate. Students explore how some nonprofit and community organizations use deliberative civic engagement to improve creative problem solving, conflict transformation, and rigorous, respectful group discussions. Students learn group facilitation skills and engage in a series of activities that help them facilitate meaningful public conversations in their own lives.								
COM	COMS	COMS	5300	Communication and the Campaign	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6150	Corporate Communication	Seminar	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	Seminar	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	6209	Communicating and Organizing	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	6250	Seminar in Instructional Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6300	Communication and Persuasion	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	6330	Modern Rhetoric	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	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	Seminar	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	Lecture	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	Field	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	6930	Independent Study	Ind Study	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	Research	.5 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	Thesis	.5 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	Thesis	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	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	Seminar	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	COMS major							
		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.								
COM	COMS	COMS	7001	Professional Seminar in Communication Studies: Scholarly Writing	Seminar	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	COMS major							
		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.								
COM	COMS	COMS	7002	Professional Seminar in Communication Studies: Service	Seminar	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	COMS major							
		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.								
COM	COMS	COMS	7003	Professional Seminar in Communication Studies: Advanced Pedagogy	Seminar	1	5		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR	COMS major							
		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.								
COM	COMS	COMS	7005	Introduction to Graduate Study in Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
COM	COMS	COMS	7010	Research Designs in Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
COM	COMS	COMS	7020	Communication Inquiry I	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		COMS 7020 (and its companion course, 7030) provides students with a broad-based introduction to, and critical examination of, communication theory. Students read primary source materials coupled with contemporary texts that develop, apply, and/or test communication theory.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7030	Communication Inquiry II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7020								
		COURSE DESC:		PR COMS 7030 (and its companion course, 7020) provides students with a broad-based introduction to, and critical examination of, communication theory. The course also examines contemporary texts that develop, apply, and/or test communication theory.								
COM	COMS	COMS	7040	Research Design and Analysis I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7110								
		COURSE DESC:		PR 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	7130	Language and Social Interaction Research Methods in Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Provides students with an understanding of how to conduct communication research projects using two qualitative research methodologies from a language and social interaction tradition that stress the collection and analysis of naturalistic data, including, but not limited to ethnography of communication, conversation analysis, and discourse analysis.								
COM	COMS	COMS	7140	Qualitative Analysis in Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
COM	COMS	COMS	7170	Contemporary and Critical Approaches to Ethnographic Methods	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7190	Advanced Topics in Qualitative Communication Research	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
COM	COMS	COMS	7200	Introduction to Relating and Organizing	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, 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.								
COM	COMS	COMS	7210	Communication Process in Small Groups	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, 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.								
COM	COMS	COMS	7220	Communicative Process in Organizations	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	7370	Performance Methods in Communication Studies	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.							
COM	COMS	COMS	7901	Interdisciplinary Seminar	Seminar	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: Seminar contents vary.							
COM	COMS	COMS	7940	Research	Research	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: Permission required Individual research on special projects. Projects must be approved prior to registration.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8200	Foundations of Organizational Communication	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
COM	COMS	COMS	8250	Communication in Personal & Social Relationships	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
COM	COMS	COMS	8260	Communication, Innovation, and Organizational Change	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
COM	COMS	COMS	8270	Dialogue, Narrative, and Communication	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
COM	COMS	COMS	8280	Topics in Advanced Interpersonal Communication	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8285	Topics in Advanced Organizational Communication	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
COM	COMS	COMS	8290	Topics in Relating and Organizing	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		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.							
COM	COMS	COMS	8300	Rhetorical Theory	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Covers main concepts and principal figures in the history of rhetorical theory. Begins with classical Greece and ends with postmodernity.							
COM	COMS	COMS	8310	Rhetoric and Popular Culture	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		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.							
COM	COMS	COMS	8320	Rhetorical and Communicative Functions of Technology	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Seminar	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	Seminar	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	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8400	Health Communication in Organizing	Seminar	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.								
COM	COMS	COMS	8420	Health Communication and Culture	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	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	Seminar	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Seminar	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	Seminar	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	COMS	8900	Special Topics in Communication Studies II	Lecture	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.								
COM	COMS	COMS	8950	Dissertation	Thesis	.5 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent research leading to the completion of the doctoral degree.								
COM	COMS	POCO	2010	Introduction to Political Communication	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
COM	COMS	POCO	2900	Special Topics in Political Communication	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
COM	COMS	POCO	4900	Special Topics in Political Communication	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ECT	1210	Understanding Virtual Reality Technology	Laboratory	4	0	2AS; BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students examine the history, theory, science, and technology behind virtual, mixed, and augmented reality (these are collectively understood as cross reality, or XR). The burgeoning possibilities of VR, MR, and AR are introduced in a variety of contexts. Students evaluate the importance of human and machine interaction and work to understand how human perception and ethical decision making operate in conjunction with these new technologies. Emphasis is placed on the critical and ethical analysis of virtual reality technologies, especially as they relate to the societal effects of human-centered interaction. Students engage with scientific, industrial/creative, mathematical, ethical, philosophical, and technical aspects across the spectrum of XR.								
COM	ECT	ECT	1210	Understanding Virtual Reality Technology	Lecture	4	0	2AS; BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students examine the history, theory, science, and technology behind virtual, mixed, and augmented reality (these are collectively understood as cross reality, or XR). The burgeoning possibilities of VR, MR, and AR are introduced in a variety of contexts. Students evaluate the importance of human and machine interaction and work to understand how human perception and ethical decision making operate in conjunction with these new technologies. Emphasis is placed on the critical and ethical analysis of virtual reality technologies, especially as they relate to the societal effects of human-centered interaction. Students engage with scientific, industrial/creative, mathematical, ethical, philosophical, and technical aspects across the spectrum of XR.								
COM	ECT	ECT	1700	Foundations of Virtual Reality and Game Design	Lecture	3	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to the foundational concepts required to develop and design virtual reality, video games, and other emerging communication technologies that highlight concepts of human centered interaction. Students learn to communicate story, emotion, and ideas through the use of digital images and sound in a virtual environment utilizing the effects of area, color, motion, convergence and form--as well as time, space, proprioception, and way finding--to influence the end user.								
COM	ECT	ECT	1710	Digital Tools for Virtual Reality and Game Development	Laboratory	2	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course introduces the tools required to prototype, design, and develop virtual reality, video games, and other emerging communication technologies. Students apply the digital tools essential for success in virtual reality and video game production.								
COM	ECT	ECT	2210	Introduction to VR Production	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ECT 1210 ECT 2210 introduces the processes, production, and emerging technologies within the fields of virtual, mixed, and augmented reality. Students examine the fundamentals of immersive and emerging media production within video, audio, and interactive design/animation.								
COM	ECT	ECT	2210	Introduction to VR Production	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ECT 1210 ECT 2210 introduces the processes, production, and emerging technologies within the fields of virtual, mixed, and augmented reality. Students examine the fundamentals of immersive and emerging media production within video, audio, and interactive design/animation.								
COM	ECT	ECT	2401	Digital Game Design: Concepts	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ECT 1700 or (MDIA 1020 and MDIA 1350) or CTX50U (Esports Cert.) Students explore the game design process. Students develop skills and learn processes involved in game design through discussion and research.								
COM	ECT	ECT	2411	Digital Game Design: World Creation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students explore the creation of digital worlds for games and virtual reality experiences. Students design, develop, and iterate digitally created game levels and virtual worlds.								
COM	ECT	ECT	2750	New Media Storytelling	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the process of conceptualizing, writing and critiquing singular stories across multiple digital formats and platforms. This is a writing intensive course.								
COM	ECT	ECT	2900	Special Topics in VR and Game Development	Lecture	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ECT 1210 Students explore special topics in VR and game development. Course content will vary with offering.								
COM	ECT	ECT	3005	Esports Seminar	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ITS 2140 and SASM 1010 This course is designed for students in the esports certificate, but open to anyone interested in exploring the various aspects of the esports environment. We review technology requirements, sports and event management, game design, and on-line broadcasting.								
COM	ECT	ECT	3210	Virtual Reality Production: Immersive Audio	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ECT 1700, 1710, 2210 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ECT	3220	Virtual Reality Production: cineVR	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 1700, 1710, 2210								
				Students explore the process of designing, pre-producing, creating, and distributing 360-degree virtual reality stories for both fiction and non-fiction venues.								
COM	ECT	ECT	3230	Virtual Reality Production: Interactive	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 1700, 1710, 2210								
				This course explores the process of designing, creating, testing and distributing interactive virtual content.								
COM	ECT	ECT	3260J	Virtual Reality Critical Analysis and Evaluation	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 1210 and (ENG 1510 or 1610) and (Jr or Sr)								
				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 utilize alternative written formats to develop their ability to analyze and evaluate the ethical implications of emerging technologies through the written form.								
COM	ECT	ECT	3401	Game Development I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 1710 and 2401								
				Students examine basic aspects of 3D game development including 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.								
COM	ECT	ECT	4110	Augmented Reality Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the process of designing, prototyping, testing, and distributing augmented reality applications and tools. This course will focus on creating for multiple AR platforms.								
COM	ECT	ECT	4250	Transmedia Storytelling	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 2750								
				The course explores the process of conceptualizing, writing and critiquing stories for digital media that are interactive and incorporate two-way communication between creator and consumer. This course requires extensive writing.								
COM	ECT	ECT	4401	Game Development II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 3401								
				Students examine advanced aspects of 3D game development including file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, advanced sound and music techniques, and advanced scripting techniques.								
COM	ECT	ECT	4900	Topical Seminar	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECT 2210 or 2401 and (Jr or Sr)								
				Seminar covers specialized topics in Emerging Communications Technology.								
COM	ECT	ECT	4910	Internship	Internship	1 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE: Permission required								
		COURSE DESC:		PR, F								
				Emerging Communication Technology internship with an approved company, agency, or organization. An application is required.								
COM	ECT	ECT	4920	Practicum	Practicum	1 to 6	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE: Permission required								
		COURSE DESC:		PR, F								
				Applied mentorship program for emerging and immersive media projects at Ohio University. Students work with other undergraduate and graduate students, industry professionals, faculty, and staff as part of a multi-person team to accomplish project-specific goals.								
COM	ECT	ECT	5110	Augmented Reality Development	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the process of designing, prototyping, testing, and distributing augmented reality applications and tools. This course will focus on creating for multiple AR platforms.								
COM	ECT	ECT	5210	Virtual Reality Production: Immersive Audio	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	ECT	ECT	5220	Virtual Reality Production: cineVR	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students explore the process of designing, pre-producing, creating, and distributing 360-degree virtual reality stories for both fiction and non-fiction venues.								
COM	ECT	ECT	5230	Virtual Reality Production: Interactive	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the process of designing, creating, testing and distributing interactive virtual content.								
COM	ECT	ECT	5250	Transmedia Storytelling	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course explores the process of conceptualizing, writing and critiquing stories for digital media that are interactive and incorporate two-way communication between creator and consumer. This course requires extensive writing.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ECT	5401	Game Development I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students examine basic aspects of 3D game development including 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.								
COM	ECT	ECT	5402	Game Development II	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MDIA 5401							
				Students examine advanced aspects of 3D game development including file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, advanced sound and music techniques, and advanced scripting techniques.								
COM	ECT	ECT	5900	Topical Seminar	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Seminar covers specialized topics in Emerging Communications Technology.								
COM	ECT	ECT	6200	Virtual Reality Studio	Studio	1 to 6	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	ECT	ECT	6501	MFA Teaching Practices I	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Scripps College MFA Program The course introduces MFA students to the techniques and practices of designing and teaching undergraduate courses in the Scripps College of Communication.								
COM	ECT	ECT	6502	MFA Teaching Practices II	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Scripps College MFA Program The course continues the introduction to course design and curriculum planning begun in ECT 6501. Students will also consider strategies for the successful start of an academic career.								
COM	ECT	ECT	6910	Experiential Learning in Emerging Communication Technologies	Field	1 to 12	24		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR Project-based experiential learning opportunities lead by faculty. Project parameters and milestones for the course are based upon client needs and individualized project specifics.								
COM	ECT	ECT	6960	MFA Production Thesis in Scripps College of Communication	Thesis	.5 to 12	36		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: PR, F The course fulfills the project-based thesis requirement for the MFA in Communication Media Arts. Students demonstrate mastery of two media production areas within a contextual field.								
COM	ECT	ITS	1010	Consumer Issues in Telecommunication	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Non-ITS major 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.								
COM	ECT	ITS	1801	Introduction to Scripting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The terms scripting or coding refer to the process of creating small computer programs or "scripts" in a less formal context than traditional computer programming. Scripts are typically used in various data analysis systems, the creation of simple web and mobile applications, the automation of repetitive computer tasks, and the creation of graphics and animations. This course is designed for students with little or no scripting experience. The process of breaking down a problem into steps that can be automated is introduced. Students work in a drag-and-drop scripting environment to practice this process before moving to the python scripting language. Throughout the course students focus on creating useful solutions across a number of disciplines.								
COM	ECT	ITS	2010	Understanding Internet Technology	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Non-ITS major Students survey the technologies that connect users to information, viewers to content, and customers to merchandise. Topics covered include a review of the foundations of Internet technology, with additional study of corporate data centers, WiFi, and home networks all connected via the Internet. Students examine how modern organizations are leveraging Information Technology (IT) to speed up and streamline communication, and enable new products and services that rely on Internet technology.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	2140	Introduction to Information and Telecommunication Systems	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Students develop an understanding of the systems and services that provide the compute power for workloads in modern information technology environments and Internet based services. Students also explore the relationship of computer and network performance and security to a wide variety of computer systems, including the relationship of users to the data that is stored and manipulated in computer systems. Students analyze how changes in technology and the respective technology marketplaces feed back into the development of Internet hardware, software, and services.								
COM	ECT	ITS	2300	Data Networking	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Students develop an understanding of the principles of network technologies that enable modern information and telecommunication systems. The course begins with an examination of the physical layer and various transmission media. Students also study the link and network layers and gain an understanding of the principles of data networking, virtual circuits, packet switching, and routing. Students examine the transport layer along with a description of typical networking applications, with an emphasis on the use of these technologies and concepts in the Internet. These topics are further explored in hands-on lab exercises								
COM	ECT	ITS	2300	Data Networking	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Students develop an understanding of the principles of network technologies that enable modern information and telecommunication systems. The course begins with an examination of the physical layer and various transmission media. Students also study the link and network layers and gain an understanding of the principles of data networking, virtual circuits, packet switching, and routing. Students examine the transport layer along with a description of typical networking applications, with an emphasis on the use of these technologies and concepts in the Internet. These topics are further explored in hands-on lab exercises								
COM	ECT	ITS	2801	Scripting Projects	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The terms scripting or coding refer to the process of creating small computer programs or "scripts" in a less formal context than traditional computer programming. Scripts are typically used in various data analysis systems, the creation of simple web and mobile applications, the automation of repetitive computer tasks, and the creation of graphics and animations. This course is designed for students who have some prior experience with scripting. Students without this experience should take ITS 1801 first. In this course, python is used to develop solutions to practical problems across various disciplines. Throughout the course, best practices for code version management using git are introduced. In the second half of the semester, students have the option to expand beyond python to learn scripting in either bash or PowerShell.								
COM	ECT	ITS	2900	Special Topics in Information and Telecommunication Systems	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.								
COM	ECT	ITS	3019	Information and Telecommunications Policy I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ECON 1030 and C or better in ITS 2140 Study of regulatory systems and policy issues with a focus on U.S. markets. Topics covered include the institutions associated with government oversight of markets and policy making; basic policy development at state and federal levels; service quality; universal connectivity; interconnection issues; and spectrum management.								
COM	ECT	ITS	3021	Information and Telecommunications Policy II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in ITS 3019 Provides applications of the materials learned in 3019. Topics include the Network Neutrality, advocacy and policy reform, international telecommunications, antitrust, and regulation of emerging technologies, among others.								
COM	ECT	ITS	3100	Internet Applications and Network Systems	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (ITS 2140 and 2300) 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								
COM	ECT	ITS	3100	Internet Applications and Network Systems	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (ITS 2140 and 2300) 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								
COM	ECT	ITS	3110	Technical Foundations for Communications	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ITS 3100 or 330 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.								

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COURSE LISTING
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COM	ECT	ITS	3110	Technical Foundations for Communications	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3100 or 330								
		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.								
COM	ECT	ITS	3430	Switched Carrier Networks	Lecture	3	0		N	U30		0
		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.								
COM	ECT	ITS	3790	Geographic Analysis of Telecommunication Systems	Lecture	3	0		N	U30		50
		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.								
COM	ECT	ITS	4000	Management and Policy for Emerging Communication Technologies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 2140 and Jr Status.								
		COURSE DESC:		The course examines market and policy issues associated with emerging communication technologies. Students evaluate unique characteristics of technology markets and how managers and policy makers respond in these dynamic markets. The emphasis is on current market and policy issues and challenges. Representative topics include how technology standards are established, copyright and digital rights management, cryptocurrency, and regulatory issues with artificial intelligence.								
COM	ECT	ITS	4020	Strategic Decision Making in Information and Telecommunication Industries	Lecture	3	0		N	U30		0
		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.								
COM	ECT	ITS	4050	Competition and Market Structure in Telecommunications Industries	Lecture	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	ECT	ITS	4070	International Communication Networks	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ITS 3019								
		COURSE DESC:		A study of international communication organizations and standards setting bodies (European Commission, the ITU, Internet Engineering Task Force, IEEE, international satellite organizations, etc.). The course will explore current issues in international standards and regulations, including the impact of the Internet on international communications service providers and government policy makers.								
COM	ECT	ITS	4110	Pricing of Telecommunications Services	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3019								
		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	ECT	ITS	4290	Communication Network Analysis and Design	Lecture	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	ECT	ITS	4310	Privacy in the Internet Age	Lecture	3	0	BER	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		The course examines the impact of surveillance enabled by communication and information technologies on the ability of individuals to maintain private spaces. Students evaluate theories of privacy and surveillance, surveillance technologies, the contours of national and global surveillance systems, and laws and policies that regulate those systems. Students apply ethical frameworks to assess surveillance technologies and their impact on privacy. Students examine surveillance-related technologies such as mobile phones, drones, the World Wide Web, social media, predictive algorithms, and the Internet of Things. Government surveillance technologies and systems such as those revealed by Edward Snowden and Wikileaks are also covered.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	4320	Gender and Information Technology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	ECT	ITS	4330	IT Compliance and Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in ITS 2300 Students examine various federal, state, and international IT compliance requirements and management strategies to meet those requirements. Alternative IT compliance frameworks are considered. Students also examine the IT planning cycle and evaluate the appropriate role of compliance in the strategic IT planning process.								
COM	ECT	ITS	4370	Wireless Telecommunications	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in (ITS 2300 or 330) 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	ECT	ITS	4410	Voice over IP	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in ITS 3100 or 330 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	ECT	ITS	4410	Voice over IP	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in ITS 3100 or 330 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	ECT	ITS	4440	Lifecycle Management in Emerging Communication Systems	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Sr and ITS 3100 or ECT 2401 Students explore lifecycle management for IT, software, and VR/Game systems. Topics include defining, implementing, and operating/maintaining complex systems; performing needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. An extensive paper and presentation is required.								
COM	ECT	ITS	4510	Cybersecurity for Network and Information Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in ITS 2300 Course examines information network security. Theoretical aspects covered include risk as a basis for security planning, taxonomy of exploits (such as malware, Phishing, or social engineering), and the evolution of strategy when defending network architectures. Practical aspects include exploiting and defending common attack vectors, penetration testing, and the application of other legacy or cloud-based tools associated with implementing robust information security solutions.								
COM	ECT	ITS	4530	Encrypted Communication	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in (ITS 2300 or 330) 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	ECT	ITS	4530	Encrypted Communication	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in (ITS 2300 or 330) 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	ECT	ITS	4750	Internet Engineering	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				(ITS 3100 or 330) 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	ECT	ITS	4750	Internet Engineering	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				(ITS 3100 or 330) 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	4900	Topical Seminar	Lecture	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ITS 3100, 4020								
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.								
COM	ECT	ITS	4900L	Special Topics Lab	Laboratory	1	4		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 3100 or 330								
		COURSE DESC:		Lab offered in conjunction with an ITS 4900 Special Topics Seminar								
COM	ECT	ITS	4910	Internship in Communication	Internship	1 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		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	ECT	ITS	4920	Practicum in Communication Systems	Practicum	1 to 3	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		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	ECT	ITS	4930	Special Studies	Ind Study	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Independent study, supervised by faculty.								
COM	ECT	ITS	5019	Information and Telecommunications Policy I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of regulatory systems and policy issues with a focus on U.S. markets. Topics covered include the institutions associated with government oversight of markets and policy making; basic policy development at state and federal levels; service quality; universal connectivity; interconnection issues; and spectrum management.								
COM	ECT	ITS	5020	Strategic Decision Making in Information and Telecommunication Industries	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
COM	ECT	ITS	5050	Competition and Market Structure in Telecommunications Industries	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 5020								
		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	ECT	ITS	5070	International Communication Networks	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A study of international communication organizations and standards setting bodies (European Commission, the ITU, Internet Engineering Task Force, IEEE, international satellite organizations, etc.). The course will explore current issues in international standards and regulations, including the impact of the Internet on international communications service providers and government policy makers.								
COM	ECT	ITS	5110	Pricing of Telecommunications Services	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	ECT	ITS	5290	Communication Network Analysis and Design	Lecture	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	ECT	ITS	5310	Privacy in the Internet Age	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course examines the impact of surveillance enabled by communication and information technologies on the ability of individuals to maintain private spaces. Students evaluate theories of privacy and surveillance, surveillance technologies, the contours of national and global surveillance systems, and laws and policies that regulate those systems. Students apply ethical frameworks to assess surveillance technologies and their impact on privacy. Students examine surveillance-related technologies such as mobile phones, drones, the World Wide Web, social media, predictive algorithms, and the Internet of Things. Government surveillance technologies and systems such as those revealed by Edward Snowden and Wikileaks are also covered.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	5320	Gender and Information Technology	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	ECT	ITS	5330	IT Compliance and Planning	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Students examine various federal, state, and international IT compliance requirements and management strategies to meet those requirements. Alternative IT compliance frameworks are considered. Students also examine the IT planning cycle and evaluate the appropriate role of compliance in the strategic IT planning process.								
COM	ECT	ITS	5370	Wireless Telecommunications	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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 of their structure, security and the deployment planning process.								
COM	ECT	ITS	5390	Communication Technology Lab Practicum	Laboratory	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5390	Communication Technology Lab Practicum	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5410	Voice over IP	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5410	Voice over IP	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5510	Cybersecurity for Network and Information Systems	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ITS 6250 Course examines information network security. Theoretical aspects covered include risk as a basis for security planning, taxonomy of exploits (such as malware, Phishing, or social engineering), and the evolution of strategy when defending network architectures. Practical aspects include exploiting and defending common attack vectors, penetration testing, and the application of other legacy or cloud-based tools associated with implementing robust information security solutions.								
COM	ECT	ITS	5530	Encrypted Communication	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5530	Encrypted Communication	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	ECT	ITS	5750	Internet Engineering	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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 Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	5750	Internet Engineering	Lecture	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	ECT	ITS	5900	Topical Seminar	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.								
COM	ECT	ITS	6000	Research Methods in Information and Telecommunication Systems	Lecture	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	ECT	ITS	6030	Advanced Policy and Regulation for ICT Networks	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITS 5019						
		COURSE DESC:		An 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 5019. Subject matter will include state and federal activity related to local competition, access charge reform, regulation of broadband services, and spectrum management.								
COM	ECT	ITS	6090	Telecommunications and Economic Development	Lecture	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	ECT	ITS	6250	Information Networks	Lecture	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	ECT	ITS	6440	Strategic Issues in Information and Telecommunication Systems Technology and Policy	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ITS 6000 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	ECT	ITS	6790	Theory of Communication Networks	Lecture	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	ECT	ITS	6900	Topical Seminar	Lecture	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ITS 6000 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	ECT	ITS	6910	Internship in the Management of Information and Telecommunications Systems	Internship	2 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		This course provides academic credit during an internship with an approved company, agency, or organization. An application is necessary, and a comprehensive paper is required. Advanced permission is required. Students may use ITS 6910 to satisfy the cognate requirement of the MITS degree. Students may not apply ITS 6910 toward MITS elective requirements.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ECT	ITS	6930	Independent Study	Ind Study	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	ECT	ITS	6935	Advanced Readings in Communication Technology and Policy	Ind Study	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	ECT	ITS	6940	Research in Communication Technology and Policy	Research	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	ECT	ITS	6945	Professional Project	Research	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	ECT	ITS	6950	Thesis	Thesis	.5 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	ECT	T3	4380	Women in the Information Age	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ITS 2140 or WGSS 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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	1010	The Future of Media	Discussion	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	Lecture	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	Lecture	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	Lecture	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	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.								
COM	JOUR	JOUR	1890	Journalism Workshop	Practicum	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.								
COM	JOUR	JOUR	2050	News and Information Literacy	Lecture	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	Lecture	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	Lecture	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	2230	Podcasting Survey	Seminar	3	0	2SS	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides a comprehensive review of the podcasting industry's past and present with a focus on audio journalism. Course topics include the platform's emergence and development, tenets and purposes of journalistic podcasts and consumer behavior and industry trends.								
COM	JOUR	JOUR	2310	Introduction to Multiplatform Reporting and Writing	Laboratory	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.								
COM	JOUR	JOUR	2310	Introduction to Multiplatform Reporting and Writing	Lecture	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.								
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in JOUR 1330 and WARNING: not JOUR 2310						
		COURSE DESC:		This course provides a foundation for journalistic information gathering, reporting, writing, and multiplatform publication of news and strategic communication content.								
COM	JOUR	JOUR	2311	Introduction to Multiplatform Reporting and Writing	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in JOUR 1330 and WARNING: not JOUR 2310						
		COURSE DESC:		This course provides a foundation for journalistic information gathering, reporting, writing, and multiplatform publication of news and strategic communication content.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	2500	Introduction to Advertising and Public Relations	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to advertising and public relations and overview of related professions.								
COM	JOUR	JOUR	2900	Special Topics in Journalism	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
COM	JOUR	JOUR	2970T	Journalism Tutorial (Core Tutorial)	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.								
COM	JOUR	JOUR	2971T	Journalism Tutorial (Core Tutorial)	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.								
COM	JOUR	JOUR	2980T	Journalism Tutorial (Core Tutorial)	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized core tutorial for HTC students only. Topics include media ethics, communication law, journalism history, and mass communication theory.								
COM	JOUR	JOUR	2981T	Journalism Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized advanced tutorial for HTC students only. Advanced tutorials focus on specialized issues, topics, and concepts of journalism.								
COM	JOUR	JOUR	3100	Communication Law	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in JOUR 2311 or concurrent						
		COURSE DESC:		Principles and case studies in communication law, constitutional guarantees, libel, privacy, contempt, privilege, copyright, and government regulatory agencies.								
COM	JOUR	JOUR	3110	History of American Journalism	Lecture	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	Lecture	3	0		N	U30		50
		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) and soph or jr or sr						
		COURSE DESC:		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	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(C or better in JOUR 2311 or concurrent) or (JOUR Minor and JOUR 1050 and 2150) or (BC5374 major) and (Soph or higher)						
		COURSE DESC:		This course teaches social responsibility to journalists and other media communicators. Students discuss professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures. Students practice confronting ethical conflicts and making ethical decisions through analyzing real world case studies.								
COM	JOUR	JOUR	3310	Reporting Public Issues	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	3500	Radio and Television Reporting and Writing	Lecture	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	Lecture	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	Lecture	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	3700	Advertising and Public Relations Writing	Lecture	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	Lecture	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	Practicum	1	3	BLD	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	Practicum	1	3	BLD	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	Practicum	1	3	BLD	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)	Tutorial	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)	Tutorial	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	4130	Gender, Race, and Class in Journalism and Mass Media	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 2311 or 2150						
		COURSE DESC:		The course explores the portrayals of women, people of color, gender identity, religion, politics and the ways they intersect in all forms of news and strategic communication content. Students examine issues of diversity and inclusion in the production and the consumption of journalistic content, as well as the content itself and those who produce it.								
COM	JOUR	JOUR	4150	Environmental and Science Journalism	Seminar	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	JOUR 3100						
		COURSE DESC:		Legal issues as they apply to online journalism.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4200	Podcasting and Audio Journalism	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 2230								
		COURSE DESC:		This course takes an experiential approach to the podcast medium. Course topics include defining a podcast's purpose, planning the first episode, creating prospects and running order, and reporting and interviewing.								
COM	JOUR	JOUR	4230	International and Cross-Cultural Advertising	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	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	Lecture	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	4390	Business Reporting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or Better in (JOUR 2310 or 2311 or 2150)								
		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	4410J	Magazine Feature Writing	Lecture	3	0	1J; FAW	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) and (JR or SR)								
		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	4420	Advanced Magazine Feature Writing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 4410J								
		COURSE DESC:		Writing and marketing feature articles. Emphasis on long-form magazine journalism.								
COM	JOUR	JOUR	4450	Creative Concepts	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 2500 and 3400 and 3700								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311)								
		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	4510	Corporate Social Responsibility	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 2500 and 3400 and 3700								
		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.								
COM	JOUR	JOUR	4520	Radio and Television Producing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2310 or 2311) and JOUR 3500								
		COURSE DESC:		Learning the art and science of bringing together all elements of radio, television, and online news programming.								
COM	JOUR	JOUR	4530	Strategic Social Media	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: JOUR 2500 or (JOUR minor and JOUR 1050 and 2150)								
		COURSE DESC:		Course focuses on understanding why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Builds 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	Seminar	3	0	3; CAP	N	U30		50
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4650	Opinion Writing	Lecture	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) or (JOUR minor and JOUR 1050 and 2150)								
		COURSE DESC:		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	Lecture	3	0	3; CAP	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ((C or better in (JOUR 2310 or 2311) or BC5374 or BC5381) and Sr								
		COURSE DESC:		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	Lecture	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:		Role of foreign correspondent in news gathering. History, scope, and techniques for reporting news from around the world.								
COM	JOUR	JOUR	4700	Sportswriting	Lecture	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:		Learning sports reporting from the field to the locker room--from the stats to the stories.								
COM	JOUR	JOUR	4710	Public Relations Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (JOUR 2311 or 2310)								
		COURSE DESC:		Class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.								
COM	JOUR	JOUR	4810	News Media Management	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (JOUR 270 or 2500) and 3400 and 3700 and Sr								
		COURSE DESC:		The capstone course for the Strategic Communication track provides a campaign development experience. Developing an advertising or public relations campaign synthesizes research, writing and production skills, as well as critical and creative thinking, and theory application. Students partner with a client to produce the advertising or public relations campaign.								
COM	JOUR	JOUR	4870	News and Information Capstone	Lecture	3	0	3; BLD; CAP	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:		The capstone course for News and Information track students, is a multimedia project-based experience. Students synthesize information gathering skills, critical thinking, writing and production skills, and research and theory knowledge as they produce a variety of multimedia stories and other content.								
COM	JOUR	JOUR	4900	Special Issues and Topics in Journalism	Seminar	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	Lecture	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	4902	Semester in DC: Seminar I	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Part of Scripps in DC Semester, this seminar explores a singular aspect of how media cover Washington DC. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Office of Global Opportunities (OGO) and interviews with the Scripps in DC program directors.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	4903	Scripps in DC Semester: Seminar II	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Part of Scripps in DC Semester, this seminar focuses on a journalism or visual communication topic specific to the nation's capital. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Office of Global Opportunities (OGO) and interviews with Scripps in DC directors.								
COM	JOUR	JOUR	4904	Scripps in DC Semester: Seminar III	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Part of Scripps in DC Semester, this seminar focuses on a journalism or visual communication topic specific to the nation's capital. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Office of Global Opportunities (OGO) and interviews with Scripps in DC directors.								
COM	JOUR	JOUR	4910	Internship	Internship	1 to 3	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required before beginning internship						
		COURSE DESC:		CR Students gain practical experience in media and strategic communication fields under supervision of industry professionals.								
COM	JOUR	JOUR	4920	Advanced Multimedia Reporting Practicum	Practicum	3	0	BLD	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	Practicum	3	0	BLD	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	Seminar	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	Seminar	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	4926	Scripps in DC Semester: Practicum	Practicum	1 to 4	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Part of the Scripps in DC Semester, students will complete a 400-hour practicum over a ten-week period with a media outlet or in a communication capacity in Washington DC. Students must apply for acceptance to the Scripps in DC Semester, which involves an application via the Office of Global Opportunities (OGO) and interviews with the Scripps in DC program directors.								
COM	JOUR	JOUR	4930	Independent Study	Ind Study	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Written proposal						
		COURSE DESC:		CR Content varies.								
COM	JOUR	JOUR	4940	Research in Journalism and Communications	Research	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311						
		COURSE DESC:		PR, F Topical independent research in journalism and mass communications.								
COM	JOUR	JOUR	4970T	Journalism Tutorial (Thesis Tutorial)	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR 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)	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Individualized thesis tutorial for HTC students only. This tutorial guides students through the research and writing process of their honors thesis.								
COM	JOUR	JOUR	5010	Introduction to Graduate Study	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F Introduction to graduate study at Ohio University, required of all new graduate students.								
COM	JOUR	JOUR	5020	Thesis Proposal	Tutorial	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5100	Communication Law	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course explores the portrayals of women, people of color, gender identity, religion, politics and the ways they intersect in all forms of news and strategic communication content. Students examine issues of diversity and inclusion in the production and the consumption of journalistic content, as well as the content itself and those who produce it.								
COM	JOUR	JOUR	5140	Fundamentals of Online Journalism	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Selecting, editing, writing, and formatting content for Web-based media. Evaluating and criticizing online journalistic practices.								
COM	JOUR	JOUR	5150	Environmental and Science Journalism	Seminar	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	Lecture	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.								
COM	JOUR	JOUR	5190	Legal Issues of Online Journalism	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Legal issues as they apply to online journalism.								
COM	JOUR	JOUR	5230	International and Cross-Cultural Advertising	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5300	Magazine Editing and Production	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5320	Specialized Business Media	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR In-depth study of professional, business, industrial, and technical magazines. Discussion of all types of publishing problems.								
COM	JOUR	JOUR	5350	Advanced Editing	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Advanced management and production of content for journalistic media.								
COM	JOUR	JOUR	5380	Graphics and Audiences	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5390	Business Reporting	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5400	Advertising and Public Relations Theory and Research	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Seminar	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.								
COM	JOUR	JOUR	5520	Radio and Television Producing	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Learning the art and science of bringing together all elements of radio, television, and online news programming.								
COM	JOUR	JOUR	5530	Strategic Social Media	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Course focuses on understanding why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Builds 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	Seminar	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5700	Sportswriting	Lecture	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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		CR, PR										
		COURSE DESC:		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	Lecture	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	Lecture	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	5812	Promoting Digital Media Transformation & Innovation	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMM 5611 or MDIA 5611						
		COURSE DESC:		Testing the essential components of promoting digital media transformation within a system. Emphasis is placed on understanding reactions to the proposed transformation and the development of strategies to successfully market the idea to relevant stakeholders.								
COM	JOUR	JOUR	5820	Strategic Communication Management for Advertising and PR Professionals	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		PR										
		COURSE DESC:		Focuses on how to manage a strategic communication account.								
COM	JOUR	JOUR	5840	Supervising School Publications	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		CR, PR										
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		CR, PR										
		COURSE DESC:		Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.								
COM	JOUR	JOUR	5860	Advertising and Public Relations Capstone	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		PR										
		COURSE DESC:		The capstone course for the Strategic Communication track provides a campaign development experience. Developing an advertising or public relations campaign synthesizes research, writing and production skills, as well as critical and creative thinking, and theory application. Students partner with a client to produce the advertising or public relations campaign.								
COM	JOUR	JOUR	5870	News and Information Capstone	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The capstone course for News and Information track students, is a multimedia project-based experience. Students synthesize information gathering skills, critical thinking, writing and production skills, and research and theory knowledge as they produce a variety of multimedia stories and other content.								
COM	JOUR	JOUR	5900	Special Issues and Topics in Journalism	Seminar	3	9		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		PR										
		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	5901	Topical Journalism	Lecture	3	9		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	Practicum	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	5921	Advanced Multimedia News Editing Practicum	Practicum	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		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	5922	Seminar in Broadcast News	Seminar	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	Seminar	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	6010	Graphics and Editing	Laboratory	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	Lecture	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	6011	Writing and Reporting	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Tutorial	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Professional project for students not choosing to do a thesis. Requires a research chapter.								
COM	JOUR	JOUR	6750	Readings	Tutorial	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		In-depth analysis of readings related to mass communication. Fulfills part of Readings capstone option requirements.								
COM	JOUR	JOUR	6890	Journalism Workshop	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.								
COM	JOUR	JOUR	6890	Journalism Workshop	Practicum	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.								
COM	JOUR	JOUR	6900	Special Topics in Journalism	Lecture	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	JOUR	JOUR	6910	Graduate Internship	Internship	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Practical experience at an approved professional media or research outlet.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	6940	Research in Journalism and Communications	Research	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Topical independent research in journalism and mass communications.								
COM	JOUR	JOUR	6950	Thesis	Thesis	.5 to 9	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Thesis research.								
COM	JOUR	JOUR	7200	Ethics, Mass Media, and Society	Seminar	4	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	7900	Seminar in Special Topics	Seminar	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 Study	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies.								
COM	JOUR	JOUR	7950	Journalism Teaching Seminar	Seminar	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Techniques for study of communication content, message sources, audiences, and effects.								
COM	JOUR	JOUR	8080	Legal Research	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: JOUR 5100 or 5190 PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Research in mass communication history, individual projects and readings, application of historiographic methods.								
COM	JOUR	JOUR	8130	Ethics, Internet, and Society	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	JOUR	8150	Seminar in Theory of Freedom of the Press	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: JOUR 8060 PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Graduate seminar examining the research on strategic advertising messaging and persuasive communication.								
COM	JOUR	JOUR	8660	Seminar in International Mass Media	Seminar	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	Seminar	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	Seminar	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	Thesis	.5 to 12	15		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Research work on dissertation.								
COM	JOUR	T3	4360	Mass Political Communication	Lecture	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	Lecture	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	Lecture	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	EM	1010	Introduction to Electronic Media	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	1020	Writing For Media	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This is an introduction to basic principles of scriptwriting for electronic media distribution. The content focuses on methods and techniques of preparing and writing media copy for various electronic media applications.								
COM	MDIA	EM	1220	Media Performance	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Overview of responsibilities required for radio, television and new media announcing. Develops performance skills proficiency through opportunities in performance situations.								
COM	MDIA	EM	1890	Electronic Media Workshop-Non-Majors	Seminar	1	2		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				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.								
COM	MDIA	EM	2010	Electronic Media Analysis/Criticism	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2011	Electronic Media as Business	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Overview of business practices and techniques in the electronic media.								
COM	MDIA	EM	2080	Topics in Electronic Media Technologies	Lecture	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2090	Special Topics in Electronic Media - Video	Lecture	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2100	Special Topics in Audio Production	Lecture	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in EM 2110								
				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.								
COM	MDIA	EM	2110	Introduction to Audio Production	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2120	Introduction to Multimedia Production Design	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Use of software applications on both the Mac and PC to design, create and edit multimedia for desktop publishing, interactive presentations, television/video, and website content.								
COM	MDIA	EM	2140	Advanced Audio Production	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in EM 2110								
				Experience with innovative techniques for production and performance of audio materials. Investigation and analysis of audio production development and individual problems during productions.								
COM	MDIA	EM	2150	Introduction to Website Design	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Webpage creation and Internet functioning, using HTML, integrating media into Webpages, posting pages to the Web, and server functions.								
COM	MDIA	EM	2160	Introduction to Video Production	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Principles of basic video production and development of criteria for evaluation of video production.								

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COURSE LISTING
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COM	MDIA	EM	2170	Advanced Video Production	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in EM 2160								
				Applications of studio and field production with emphasis on innovative techniques. Pre-production, production and post production advanced techniques explored.								
COM	MDIA	EM	2180	Introduction to Digital Media Design	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Photography and videography design basics through development and integration into current digital media applications.								
COM	MDIA	EM	2220	Aesthetics in Digital Media	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2500	News Distribution Platforms	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENG 2800 or JOUR 1330								
				Explores the process of newsgathering, writing, and reporting with an emphasis on new distribution platforms, including the Internet, mobile media and blogs.								
COM	MDIA	EM	2570	Advertising in the Broadcast and Cable Media	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2670	International Media Systems	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2700	Introduction to Sports Production	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2700	Introduction to Sports Production	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
COM	MDIA	EM	2880	Electronic Media Workshop-Multimedia	Seminar	1	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				Production of multimedia related assignments, monitored and supervised by electronic media faculty. Requires minimum number of assigned tasks per week during the semester.								
COM	MDIA	EM	2890	Media Workshop	Seminar	1	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				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.								
COM	MDIA	EM	2900	Special Topics in Electronic Media	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				Specific course content will vary with offering.								
COM	MDIA	EM	2910	Radio-Television Internship	Internship	1	0	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				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.								
COM	MDIA	EM	2921	Video Practicum 1	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course is designed to provide students with applied experience creating video productions with instructor supervision. Students complete weekly assignments consistent with the responsibilities outlined in the contract with their instructor. A written evaluation is required for course completion.								

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COURSE LISTING
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COM	MDIA	EM	2922	Video Practicum 2	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course is designed to provide students with applied experience creating video productions with instructor supervision. Students will complete weekly assignments consistent with the responsibilities outlined in the contract with their instructor. A written evaluation is required for course completion.								
COM	MDIA	EM	2923	Audio Practicum 1	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course is designed to provide students with applied experience creating audio productions with instructor supervision. Students complete weekly assignments consistent with the responsibilities outlined in the contract with their instructor. A written evaluation is required for course completion.								
COM	MDIA	EM	2924	Audio Practicum 2	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course is designed to provide students with applied experience creating audio productions with instructor supervision. Students complete weekly assignments consistent with the responsibilities outlined in the contract with their instructor. A written evaluation is required for course completion.								
COM	MDIA	EM	2925	Media Design Practicum 1	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course is designed to provide students with applied experiences producing multimedia with instructor supervision. Students are expected to complete assignments weekly.								
COM	MDIA	EM	2926	Media Design Practicum 2	Practicum	1 to 3	3	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course is designed to provide students with applied experiences producing multimedia with instructor supervision. Students are expected to complete assignments weekly.								
COM	MDIA	EM	2930	Independent Study	Ind Study	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.								
COM	MDIA	MDIA	1010	The Evolution of Media	Lecture	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	Lecture	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	Lecture	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	Seminar	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	1250	Audio Production Basics	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			C or better in MDIA 1010				
		COURSE DESC:		This course introduces students to basic audio theory and production. Students engage in audio production, editing and mixing through a variety of exercises and studies.								
COM	MDIA	MDIA	1300	Digital Media Production Basics	Lecture	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	1350	Animation Foundation	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			C or better in MDIA 1010				
		COURSE DESC:		This course is an exploration of 2D digital graphics specifically for animation. Students explore basic concepts of typography, composition, color theory, illustration and motion. Projects focus on quality of design and a creative approach to problem solving.								
COM	MDIA	MDIA	1450	Video Production Basics	Seminar	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			MDIA Major or OR5375 Minor and C or better in MDIA 1010				
		COURSE DESC:		This course introduces students to basic video theory and production. Students engage in video production and editing exercises, as well as relevant readings and studies in the history and current practices in the video production industries.								
COM	MDIA	MDIA	1500	Non-fiction Screenwriting Basics	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2010	Media Analysis and Criticism	Lecture	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	Lecture	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	Lecture	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.								
COM	MDIA	MDIA	2100	Entertainment Media Law and Finance	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2150	Media Globalization	Seminar	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.								
COM	MDIA	MDIA	2160	History of Broadcast Media	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		75
		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): FILM 3430						
		COURSE DESC:		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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	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:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2300						
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2303	Live & Remote Music Recording ELIGIBLE GRADES: GEC1: A-F REQUISITE: MDIA 2300 COURSE DESC: 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.	Lecture	3	0		N	U30		0
COM	MDIA	MDIA	2305	Recording Industry Survey ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0	2SS	N	U30		0
COM	MDIA	MDIA	2400	Introduction to Digital Media Production 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.	Seminar	3	0		N	U30		0
COM	MDIA	MDIA	2500	Animation I 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.	Seminar	3	0		N	U30		0
COM	MDIA	MDIA	2700	Video and Audio Field Production ELIGIBLE GRADES: GEC1: A-F REQUISITE: MDIA 1450 or EM2160 COURSE DESC: Students apply the theory of video and audio production through practice in the field. Students utilize a variety of concepts related to camera operation and composition, sound recording, as well as lighting for video.	Lecture	3	0		N	U30		0
COM	MDIA	MDIA	2701	Visual Storytelling ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: This course explores the use of color, line, shape, space, movement and visual rhythm to visualize and emphasize narrative stories as they move from script to screen. Students consider the ways in which these elements provide a more complex understanding of the overall narrative.	Lecture	3	0	2FA; PHA	N	U30		0
COM	MDIA	MDIA	2702C	Media Production for the Community 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.	Lecture	3	0	BLD	N	U30		75
COM	MDIA	MDIA	2800	Digital Video Postproduction ELIGIBLE GRADES: GEC1: A-F REQUISITE: MDIA 1450 or MDIA 1350 or EM2160 COURSE DESC: Students examine and apply processes and tools used with digital nonlinear editing. Students engage through a series of demonstrations, tutorials, and hands-on technical exercises.	Seminar	3	0		N	U30		0
COM	MDIA	MDIA	2900	Special Topics in Media Arts and Studies ELIGIBLE GRADES: GEC3: A-F, REQUISITE: COURSE DESC: CR Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
COM	MDIA	MDIA	2930	Independent Study ELIGIBLE GRADES: GEC4: A-F, REQUISITE: COURSE DESC: CR, PR Independent study	Ind Study	1 to 6	12		N	U20		0
COM	MDIA	MDIA	2970T	Media Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC COURSE DESC: CR, PR Individualized tutorial for HTC students only.	Tutorial	1 to 15	999		N	U30		0
COM	MDIA	MDIA	2971T	Media Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC COURSE DESC: CR, PR Individualized tutorial for HTC students only.	Tutorial	1 to 15	999		N	U10		0
COM	MDIA	MDIA	2980T	Media Tutorial ELIGIBLE GRADES: GEC4: A-F, REQUISITE: HTC COURSE DESC: CR, PR Individualized tutorial for HTC students only.	Tutorial	1 to 15	999		N	U10		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	2981T	Media Tutorial	Tutorial	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	3080	Technical Bases of Media	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Seminar	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	Lecture	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.								
COM	MDIA	MDIA	3160	History of Computer Graphics	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	3201	Screenwriting: the Adaptation	Seminar	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	Seminar	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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 220 or 2300						
		COURSE DESC:		The follow up to Music Production & Technology I. 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	Seminar	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	Seminar	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	Lecture	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	3306A	Honors Experience: The Business of Selling Music	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	MDIA 3306 concurrent and student in the OHIO Honors program						
		COURSE DESC:		NC OHIO Honors curricular experience in The Business of Selling Music.								
COM	MDIA	MDIA	3307	Music Publishing and Licensing for Media Productions	Lecture	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	Lecture	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	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	3500	Animation II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 2500								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 2100 or MDIA 2200								
				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	Lecture	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission of Program Director								
				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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 2700								
				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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3701	Directing the Narrative Scene: Director Preparation and Pre-Visualization	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3702	Multicamera Producing and Directing	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3705	Writing and Producing the Non-Fiction Podcast Series	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Students explore the process of writing, pre-producing, creating, and distributing a multi-episodic podcast series for client-based non-fiction projects.								
COM	MDIA	MDIA	3800	The Craft of Editing	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3807	The Art of Editing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3810	Women and the Media	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
COM	MDIA	MDIA	3910	On-Campus Practicum	Internship	1	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
				REQUISITE: MDIA majors only								
				PR, F								
		COURSE DESC:		Practical experience in Ohio University media facilities.								
COM	MDIA	MDIA	3911	Off-Campus Practicum	Internship	1	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
				REQUISITE: MDIA majors only								
				PR, F								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	3912	Social Media Practicum	Internship	1	3	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE: Permission required							
		COURSE DESC:		Social Media Certificate students earn practical experience in the field with employer supervision. Practica may be on or off-campus, local or out of town, in person or remote. Students must work a minimum of 40 hours. Social Media Certificate students only.								
COM	MDIA	MDIA	3970T	Media Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: HTC							
		COURSE DESC:		Individualized tutorial for HTC students only.								
COM	MDIA	MDIA	3980T	Media Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: HTC							
		COURSE DESC:		Individualized tutorial for HTC students only.								
COM	MDIA	MDIA	4011	Media and the Digital Divide	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Sr only							
		COURSE DESC:		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.								
COM	MDIA	MDIA	4012	Broadcasting for Social Justice: A History of Broadcasting and U.S. Social Movements (1930-Present).	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Jr or Sr							
		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 will be 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	4015	Media and Development	Seminar	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	Lecture	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	Seminar	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	4122	Social Media Industries	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: MDIA 2113							
		COURSE DESC:		In this course students investigate dynamic spaces where social networks are becoming dominant determinants of cultural interaction. The course also introduces students to vital skills in social media literacy.								
COM	MDIA	MDIA	4130	Social Media Analytics	Lecture	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	4132X	Visual Analytics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The visual analytics hands-on course trains students to work on interactive visual interfaces that support analytical reasoning and reveal vital actionable insights. This course introduces students to concepts, tools, and best practices in visual analytics as they examine and uncover hidden opportunities deep within big data. Interactive visual representations are integrated within underlying analytical processes, including descriptive and predictive analytics, to facilitate high-level data-driven decision-making.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4140	New Media and Communication Technologies	Lecture	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	Lecture	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	4160	Global Animation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Students critically explore technical and narrative developments of animated film throughout the world, including issues related to race, gender, technology, culture, history and art.								
COM	MDIA	MDIA	4170	Media and the Muslim World	Lecture	3	0	3; CAP	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	Lecture	3	0	3; CAP	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	Lecture	3	0	3; CAP	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	Lecture	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	Seminar	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.								
COM	MDIA	MDIA	4250	Immersive Media Collaboratory	Lecture	3	0	3; CAP	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	Seminar	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	Seminar	3	0	3; CAP	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	4405	Digital Media Capstone	Seminar	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4500	Animation III	Seminar	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	Lecture	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	Lecture	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	Seminar	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.								
COM	MDIA	MDIA	4705	Media and Web Delivery	Seminar	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	4706	Writing and Recording Episodic Content for the Podcasting Marketplace	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier 1 ENG and MDIA 3705 and JOUR 4200 and (Jr or Sr)						
		COURSE DESC:		This course allows students to develop an original podcast series for production and distribution. The course material draws heavily on ideation strategies for concept development, scriptwriting and editorial resources, as well as access to digital resources for applied technical skills and distribution strategies. Marketing and business considerations are incorporated into the latter portion of the course with students considering tangential assets for the series including title, logo development, audience research, marketing to their consumers, as well as best practices for episode access and distribution.								
COM	MDIA	MDIA	4719	Advanced Narrative Production	Seminar	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	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4900	Special Topics in Media Arts and Studies	Lecture	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	4901	Special Topics in Media and Social Change	Lecture	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	Lecture	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.								
COM	MDIA	MDIA	4903	Special Topics in Music Production and Recording Industry	Lecture	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1200 or MDIA 2305								
		COURSE DESC:		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	Lecture	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 1010 and (MDIA 1200 or 1300 or 1400)								
		COURSE DESC:		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	Lecture	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 2401 or 2500								
		COURSE DESC:		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	Internship	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		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	Field	3 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MDIA 2011 and Jr or Sr PR, F								
		COURSE DESC:		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	Ind Study	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		COURSE DESC:		Seminar contents varies based on individual student interest and proposal of study.								
COM	MDIA	MDIA	4931	Independent Production Projects	Ind Study	1 to 3	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MDIA major CR, PR								
		COURSE DESC:		Independent projects in media production.								
COM	MDIA	MDIA	4932	Independent Readings in Media	Ind Study	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		COURSE DESC:		Seminar contents varies.								
COM	MDIA	MDIA	4970T	Media Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors Tutorial on topics in Media.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	4980T	Media Tutorial	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors Tutorial on topics in Media.								
COM	MDIA	MDIA	5011	Media and the Digital Divide	Seminar	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).	Lecture	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	Seminar	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	Seminar	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	Seminar	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	5122	Social Media Industries	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Status								
		COURSE DESC:		In this course students investigate dynamic spaces where social networks are becoming dominant determinants of cultural interaction. The course also introduces students to vital skills in social media literacy.								
COM	MDIA	MDIA	5132X	Visual Analytics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The visual analytics hands-on course trains students to work on interactive visual interfaces that support analytical reasoning and reveal vital actionable insights. This course introduces students to concepts, tools, and best practices in visual analytics as they examine and uncover hidden opportunities deep within big data. Interactive visual representations are integrated within underlying analytical processes, including descriptive and predictive analytics, to facilitate high-level data-driven decision-making.								
COM	MDIA	MDIA	5135	Documentary Genres	Lecture	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	Lecture	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.								

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COURSE LISTING
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COM	MDIA	MDIA	5141	Satellite Media and Communication	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:	Permission required							
				PR								
		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	5170	Media and the Muslim World	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Historical development, current status, and challenges to public media.								
COM	MDIA	MDIA	5175	Media & Sexual Representation	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	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	Seminar	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	Seminar	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	5405	Games Development and Animation III	Seminar	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	Discussion	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	Lecture	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	Discussion	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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COM	MDIA	MDIA	5502	Animation II	Seminar	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	5505	Compositing	Discussion	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5100 or permission								
				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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5100 or permission								
				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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Consideration of fiscal problems in media businesses and industries with special emphasis on financial policies and economic factors.								
COM	MDIA	MDIA	5611	Leading Digital Media Transformation and Innovation in Organizations	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5610 or COMM 5610								
				Digital transformation is an example of the need for businesses to innovate and change as the market and consumer desires evolve. As opportunities and risks are identified, organizations need the ability to transform business models or processes to account for digital media technology and economic shifts; and develop creative, innovative digital media products or services to adapt to evolving audience or user demands. This course is devoted to the theories and best practices that enable developing and sustaining an organizational culture of continuous digital media transformation and innovation. Particular attention is given to communicating effectively within and across groups, teams, organizational units, and external communities; building trust both within a creative media organization and with external constituencies; and the fundamentals of assessing readiness for digital media transformation.								
COM	MDIA	MDIA	5680	Action Research	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR								
				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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5100 or VICO 6401								
				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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Warning: No credit for this course if taken after the following: MDIA 3600								
				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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5100 or VICO 6401								
				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 Non-Fiction Podcast Series	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MDIA 5100 or VICO 6401) and WARNING: No credit if taken after MDIA 3705								
				Students explore the process of writing, pre-producing, creating, and distributing a multi-episodic podcast series for client-based non-fiction projects.								
COM	MDIA	MDIA	5706	Nonfiction Video and Television Storytelling Production	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MDIA 5100 or VICO 6401								
				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	Seminar	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	Seminar	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	Lecture	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	Seminar	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	Seminar	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	Lecture	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	Seminar	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	Lecture	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	5937	Independent Production Projects	Ind Study	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			Permission required				
		COURSE DESC:		CR, PR Independent production projects under the supervision of faculty. Advance project approval required.								
COM	MDIA	MDIA	6000	Introduction to Graduate Study	Seminar	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Prepares students for graduate study through analysis and discussion of research and teaching.								
COM	MDIA	MDIA	6010	Introduction to Mass Communication Research	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	6080	Seminar in Communication and Development	Seminar	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	Seminar	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	6082	Introduction to Research in Communication and Development	Seminar	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	Seminar	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	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	6130	Research in Social Data Analytics	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines interdisciplinary research in data analytics. A mix of quantitative, qualitative, and analytic techniques is employed to study human interactions online. Students collect, analyze, and visualize social media data.								
COM	MDIA	MDIA	6171	Children, Youth, and Media	Lecture	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	6202	Professionals Screenwriting for TV and Film	Seminar	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Permission required							
		COURSE DESC:		Deep exploration into the creative and business decisions needed to write successful feature length screenplays and/or spec television scripts.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	6900	Special Topics in Media Arts and Studies	Lecture	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	6901	Special Topics in Media Arts & Studies	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Special offerings based on faculty expertise, availability of visiting professionals, student interest, and current trends.								
COM	MDIA	MDIA	6920	Immersive Media Practicum	Practicum	1 to 9	18		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		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 Study	.5 to 12	30		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Individual research on special problems. Projects must be approved prior to registration.								
COM	MDIA	MDIA	6950	Thesis	Thesis	.5 to 12	24		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Students engage in research and/or creative practice applicable to the completion of a written or creative thesis.								
COM	MDIA	MDIA	6960	MFA Production Thesis in Scripps College of Communication	Thesis	.5 to 12	36		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		The course fulfills the project-based thesis requirement for the MFA in Communication Media Arts. Students demonstrate mastery of two media production areas within a contextual field.								
COM	MDIA	MDIA	7000	Professional Seminar in Media Arts & Studies	Seminar	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MDIA 6000								
		COURSE DESC:		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	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Lecture	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	MDIA	7720	Critical and Cultural Theory	Lecture	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	Seminar	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	Research	.5 to 8	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Individual research project under supervision of faculty.								
COM	MDIA	MDIA	8010	Seminar in Pedagogy	Seminar	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	Lecture	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	8901	Seminar in Media Research	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR Intensive study of research methodologies in mass communication scholarship; individual projects.								
COM	MDIA	MDIA	8930	Independent Study	Ind Study	.5 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Individual study and research on special problems. Projects must be approved prior to registration.								
COM	MDIA	MDIA	8950	Dissertation	Thesis	.5 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Research applicable to dissertation.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	1000	Introduction to Studies in Visual Communication	Lecture	3	0	2HL	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	1113	Visual Communication Design I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in VICO 1000 and 1414 This course builds on the foundational knowledge of VICO 1414 furthering the understanding and use of information architecture and design theory as it applies to publication design beyond the basics.								
COM	VICO	VICO	1115	Visual Communication Design I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in (VICO 1000 and (1014 or 1414)) and WARNING: No credit for this course and VICO 1113 Advances knowledge of information architecture and design theory as applied to publication design beyond the basics.								
COM	VICO	VICO	1414	Introduction to Visual Communication Skills: Design	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in VICO 1000 and VICO major & Warning: No credit if taken after VICO 1014 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 Skills: Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in VICO 1000 and VICO major & Warning: No credit if taken after VICO 1014 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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in VICO 1000 and VICO major and WARNING: No credit if taken after VICO 1021 or 2521 An introduction to visual communication through still photography and image processing software. This course develops the understanding and skills of composition and technical control for constructing images for communication. 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		C or better in VICO 1000 and VICO major and WARNING: No credit if taken after VICO 1021 or 2521 An introduction to visual communication through still photography and image processing software. This course develops the understanding and skills of composition and technical control for constructing images for communication. 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	2390	Photojournalism I: Single Images	Lecture	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	Lecture	3	0	BLD	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	2420	Visual Communication Topic Seminar I	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
COM	VICO	VICO	2561	Introduction to Basic Web Design	Lecture	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				Specific course content will vary with offering.								
COM	VICO	VICO	3010	Communicating with Data Visualization	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				This course examines the application of communication design principles to the visual display of quantitative and qualitative data. Lectures, in-class workshops, readings and in-class discussions convey the knowledge necessary to analyze data presentations and articulate appropriate data visualization principles. In essence, students learn how to evaluate and create visual storytelling presentations from raw data.								
COM	VICO	VICO	3111	Design II: Informational Graphics	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	3141	Illustration II: Editorial Illustration	Lecture	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	Lecture	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	3221	Commercial Photography I: Introduction	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in ((VICO 1021 or 1421) 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	3227	Commercial Photography II: Fashion and portraiture	Lecture	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	Lecture	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	3310	Multimedia Production for Visual Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in VICO 1000 and 2161 or 2392								
				Editing and production of audio, video, and multi-format visual storytelling content in a journalistic environment. Students are introduced to the industry standard software and workflow techniques.								
COM	VICO	VICO	3320	Photojournalism III: Motion and Sound	Lecture	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	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: C or better in VICO 2390								
				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	3361	Photojournalism in Scotland II	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: C or better in VICO 2390								
				CR								
				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	3394	Small Systems Lighting for Communication Photography	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in VICO 2221 or 2390								
				This course explores the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image for communication. 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	3400	Illustration I: Digital Imaging	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in VICO 1021 or 1421								
				Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	3420	Visual Communication Topic Seminar II	Seminar	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: (VICO 1021 or 1014) and C or better in 1000 CR								
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: C or better in (VICO 2392 or 3228) CR								
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.								
COM	VICO	VICO	3921	Synthesis Storytelling for Visual Communication	Practicum	1 to 6	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal CR								
		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	Practicum	1 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal CR								
		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	Practicum	1 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal CR								
		COURSE DESC:		Will gather students from across disciplines to publish a design-based publication.								
COM	VICO	VICO	3924	Synthesis Multimedia Project For Visual Communication	Practicum	1 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Soph or Jr or Sr) and written proposal CR								
		COURSE DESC:		A multimedia and delivery platform based practicum where students from various disciplines produce a published project.								
COM	VICO	VICO	4001	Semester in DC: Covering Washington DC	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Part of the Scripps in DC semester, this core seminar explores how media cover Washington, DC events and influences. Students meet with industry professionals working in the nation's capital and analyze various media outlets and communication-related operations of government. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Office of Global Opportunities (OGO) and interviews with the Scripps in DC program directors.								
COM	VICO	VICO	4112	Illustration Capstone: Advanced Informational Graphics	Lecture	3	0	3; CAP	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	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	4229	Advanced Photographic Illustration: Applications	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	3	0	3; CAP	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	Lecture	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	Lecture	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.								
COM	VICO	VICO	4492H	Visual Communication Honors Project	Tutorial	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and (Jr or Sr)								
		COURSE DESC:		CR 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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.								
COM	VICO	VICO	4902	Semester in DC: Seminar I	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Part of the Scripps Semester in DC, this topic seminar explores a singular aspect of how media cover Washington, D.C., through either commercial photography, information graphics, data visualization, publication design for print and digital, photojournalism, scripting and/or UX design. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Ohio University Office of Global Opportunities (OGO) and interviews with the Scripps Semester in DC directors.								
COM	VICO	VICO	4903	Semester in DC: Seminar II	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Part of the Scripps Semester in DC, this topic seminar explores a singular aspect of how media cover Washington, D.C., through either commercial photography, information graphics, data visualization, publication design for print and digital, photojournalism, scripting and/or UX design. Students must apply for acceptance to Scripps in DC Semester, which involves an application via the Ohio University Office of Global Opportunities (OGO) and interviews with the Scripps Semester in DC directors.								
COM	VICO	VICO	4904	Semester in DC: Seminar III	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Part of the Scripps Semester in DC, this topic seminar explores a singular aspect of how media cover Washington, D.C., through either commercial photography, information graphics, data visualization, publication design for print and digital, photojournalism, scripting and/or UX design. Students apply for the Semester in D.C. Application to the program can be made through OHIO's Office of Global Opportunities.								
COM	VICO	VICO	4930	Individual Study	Ind Study	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 16 Hours in VICO and written proposal								
		COURSE DESC:		CR Individual course of study agreed upon with the permission and guidance of a faculty member. Written proposal required.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5000	Introduction to Visual Communication	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course introduces students to the field of visual communication and provides foundational knowledge of the influence of the physics of light, the physiology of the visual system, and the psychology of perception on visual communication. It also examines the building blocks of design, photography, and motion images along with a historical perspective on each. Future trends and the ethics of visual communication are also examined.								
COM	VICO	VICO	5010	Communicating with Data Visualization	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	This course examines the application of communication design principles to the visual display of quantitative and qualitative data. Lectures, in-class workshops, readings and in-class discussions convey the knowledge necessary to analyze data presentations and articulate appropriate data visualization principles. In essence, students learn how to evaluate and create visual storytelling presentations from raw data.							
COM	VICO	VICO	5014	Information Design Basics	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5022	CR, PR 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	Lecture	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: MA or MSJ students only	CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5022	CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5111	CR, PR 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	5115	Design III: Advanced Publication Layout and Design	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: VICO 5022	PR Intermediate study in information architecture through publication design. Cooperative buying fee.							
COM	VICO	VICO	5141	Illustration II: Editorial Illustration	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5400	CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5014 and 5022	CR, PR 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	5162	Interactive II: Advanced Web Design	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5161	CR, PR (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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: VICO 5162	CR, PR 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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5200	Video Capture for Commercial Photography	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5382	The Photographic Essay	Lecture	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	Lecture	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.								
COM	VICO	VICO	5387	Advanced Photographic Reportage: Magazine	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5382 CR, PR								
		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	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5382 CR, PR								
		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 for Communication Photography	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022 PR								
		COURSE DESC:		This course explores the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image for communication. 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014 CR, PR								
		COURSE DESC:		Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery.								
COM	VICO	VICO	5401	Aspects of Photo Communication	Lecture	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014 CR, PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.								
COM	VICO	VICO	5514	Introduction to Basic Publication Design	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: No credit if VICO major CR, PR								
		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	5561	Introduction to Basic Web Design	Lecture	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	Lecture	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	6188	Interactive Capstone: Advanced Interactive Media	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Seminar	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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Management techniques and issues in the visual communication environment.								
COM	VICO	VICO	6900	Special Topics in Visual Communication	Lecture	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	6921	Synthesis Storytelling for Visual Communication	Practicum	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission CR, PR								
		COURSE DESC:		Will gather students from across disciplines to publish the journalistically-based multimedia publication Soul of Athens.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	VICO	6922	Synthesis Commercial Project for Visual Communication	Practicum	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission CR, PR								
		COURSE DESC:		A commercial photography-based practicum where students from various disciplines produce a published project.								
COM	VICO	VICO	6930	Individual Study	Ind Study	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission CR, PR								
		COURSE DESC:		Individual course of study agreed upon with the permission and guidance of a department faculty member.								
COM	VICO	VICO	6940	Visual Communication Research Application	Research	1 to 8	32		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Research into the creation and use of various forms of visual communication. Students are expected to provide a written proposal.								
COM	VICO	VICO	6950	Communication Media Arts Thesis	Thesis	.5 to 16	32		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course serves as the structure for research and production of a thesis in Communication Media Arts.								
COM	VICO	VICO	6960	Visual Communication MA Project or MFA Thesis Project	Thesis	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		The MA Project or MFA Thesis Project is the culmination of study in each respective degree program. This course is designed to lead students through the process from proposal through defense of a completed project.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	2010	Career and Life Planning Seminar	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Laboratory	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 Oty'Okwa (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	Lecture	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 Oty'Okwa (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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	C&HE	EDCE	3001	Case Management in Human Services	Lecture	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	Lecture	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	Lecture	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	Lecture	2 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		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.								
EHS	C&HE	EDCE	4001	Human Service Professions	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	4100	Human Relations	Lecture	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	Lecture	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	C&HE	EDCE	4910	Internship in Human Services	Field	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	6220	Career Development: Research and Theory	Lecture	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200								
		COURSE DESC:		This course provides students with a comprehensive organizational framework useful for planning, designing, implementing, evaluating, and enhancing content-based guidance and counseling programs, and provides 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 are covered. The course explores the application of research that addresses the effectiveness of various school counseling programs and interventions.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6260	Medical and Psychosocial Issues in Rehabilitation Counseling	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200 CR, PR								
		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	6270	Counseling, Teaching, and the Behavior Change Process	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	6270	Counseling, Teaching, and the Behavior Change Process	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	6290	Job Placement Theory and Techniques	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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								
EHS	C&HE	EDCE	6310	Appraisal I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	6450	Counseling Over the Lifespan	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course, students review the nature and needs of individuals across the lifespan, emphasizing developmental science and counseling interventions. Major theories of growth and development, personality, and learning are explored. The course includes topics addressing ethical, culturally relevant and social policy implications of normative and nonnormative age- and history-graded influences relevant to counseling professionals.								
EHS	C&HE	EDCE	6500	Group Counseling I	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6520	Group Counseling II	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6500 CR, PR								
		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	Lecture	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	6555	Counseling Interviewing Techniques	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The course addresses essential interviewing and counseling techniques and incorporates outcome research associated with various interviewing and counseling interventions. Attention is given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. In addition, studies of basic interviewing, assessment and counseling skills related to the various techniques are examined. Consideration is given to the diverse factors that influence the helping process and ethical practices of the counselor. Attendance of a weekly experiential laboratory is a required component of the course.								
EHS	C&HE	EDCE	6555	Counseling Interviewing Techniques	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The course addresses essential interviewing and counseling techniques and incorporates outcome research associated with various interviewing and counseling interventions. Attention is given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. In addition, studies of basic interviewing, assessment and counseling skills related to the various techniques are examined. Consideration is given to the diverse factors that influence the helping process and ethical practices of the counselor. Attendance of a weekly experiential laboratory is a required component of the course.								
EHS	C&HE	EDCE	6620	Diagnosis and Treatment Planning in Counseling	Lecture	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	Lecture	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	Lecture	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	Counseling Capstone	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDCE 6920								
		COURSE DESC:		This online course provides a culminating capstone experience for the master's degree in Counselor Education involving the scholarly application of counseling research, theory, and advocacy. Students compile a portfolio representing key aspects of counselor development, professional identity, and competency. Students are evaluated on their professional and academic writing abilities, design and implementation of a school or community-based advocacy project, and practice-oriented research design and program evaluation skills.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6850	Multicultural Education	Lecture	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	Lecture	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	Lecture	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	Internship	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	Internship	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	Lecture	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	Practicum	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDCE 6200 and 6550 PR								
		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	Practicum	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	Practicum	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	Practicum	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6930	Readings and Research in Counseling	Ind Study	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	Thesis	1 to 9	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200								
		COURSE DESC:		Seminar contents varies.								
EHS	C&HE	EDCE	7241	Introduction to Play Therapy	Lecture	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	7246	Counseling Children and Adolescents	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The course increases student knowledge of the application of a variety of counseling theories and practices in assisting children and adolescents in school and clinical settings. The role of the school counselor in assessment, prevention, and intervention in schools is emphasized. Creative and age-appropriate methods to counsel children and adolescents experiencing common mental health disorders are covered along with legal and ethical issues pertinent to counseling minors.								
EHS	C&HE	EDCE	7310	Intelligence Assessment	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6310								
		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200 and 6310								
		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.								
EHS	C&HE	EDCE	7380	Gerontological Counseling	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	7390	Family Counseling	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	7400	Youth Violence	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7511	Stress, Biofeedback, and Self-Control	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCE	7521	Assertiveness Training	Lecture	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	Lecture	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	Lecture	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	Lecture	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	7555	Theory & Practice of Counseling and Psychotherapy	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6555 CR, PR								
		COURSE DESC:		The course aims at guiding students to personalize the process of counseling and become knowledgeable about counseling theories and practice. It emphasizes the practical application of various therapeutic approaches and stresses the critical evaluation of each theory through exercises, activities and case studies. The course incorporates outcome research associated with various theoretical perspectives with specific attention given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. In addition, there is a focus on the diverse factors that influence the therapeutic process and ethical practices of the counselor.								
EHS	C&HE	EDCE	7600	Addictions Counseling Theory and Practice	Lecture	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	Lecture	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								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7700	Brief and Solution-Focused Therapy ELIGIBLE GRADES: COURSE DESC:	Lecture	2	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	2	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	1	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR								
				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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	7730	Gender Issues in Counseling	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Seminar	1 to 5	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Doctoral level seminars to examine contemporary issues in counselor education.								
EHS	C&HE	EDCE	8520	Advanced Group Counseling	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Using a seminar format, this course provides a scholarly examination of counseling theory in practice, counselor education and supervision. Theories of counseling and psychotherapy are compared, contrasted and evaluated in the context of practice settings and populations. Students critically examine individual, relational, cultural, contextual and political factors in theory development, implementation, and research and evaluation. The historical context of theory development, current issues and trends, innovative approaches and theoretical integration are also discussed.								
EHS	C&HE	EDCE	8590	Counselor Supervision	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Discussion	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		This course provides a history and overview of the counselor education profession. Students explore theory, research, standards and skills necessary to function effectively as counselor educators. Discussion also includes standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Readings from professional journals and texts supplement class lecture, discussion, and application activities.								
EHS	C&HE	EDCE	8600	Counselor Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		This course provides a history and overview of the counselor education profession. Students explore theory, research, standards and skills necessary to function effectively as counselor educators. Discussion also includes standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Readings from professional journals and texts supplement class lecture, discussion, and application activities.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	8640	Mental Health Consultation	Lecture	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.								
EHS	C&HE	EDCE	8700	Counseling Leadership and Consultation	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on theories and skills of leadership and consultation for counselors and counselor educators. The course provides an introduction to mental health consultation in social services, rehabilitation, community mental health, correctional facilities, health care, schools, private practice, and business settings. Theories of leadership and leader development principles are addressed in counseling professional service, consultation, and advocacy.								
EHS	C&HE	EDCE	8900	Special Topics in Education - Counselor Education	Lecture	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	8910	Internship	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This seminar is designed to prepare students for professional employment. It is the culminating experience of the doctoral coursework following the comprehensive examinations. The doctoral program in Counselor Education provides students with a common core experience which includes clinical practice, teaching and supervision, and research. The doctoral internship allows for some variety in the internship placement to encourage the individual expression of students' interests and career goals. Students, thus, may choose to complete their internship in one of the specialization areas: school or clinical mental health counseling, a college teaching experience, an administrative and research experience, or some combination. A student may have a placement at his or her site of employment although 20% of the experience must involve new experiences.								
EHS	C&HE	EDCE	8920	Practicum in Counselor Education and Supervision	Practicum	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		In the doctoral practicum, students complete a 100-hour supervised counseling experience under the tutelage of a counseling practitioner knowledgeable and experienced in the setting and with the clientele served. The practicum experience is designed to extend or enhance students' professional counseling training and experience. The course involves weekly group supervision on the practicum experience, counseling conceptualization and skill development in addition to training on outcome research and field-based research.								
EHS	C&HE	EDCE	8930	Advanced Readings and Research in Counseling	Ind Study	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent studies and specialized projects for doctoral students.								
EHS	C&HE	EDCE	8950	Dissertation	Thesis	.5 to 9	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar content varies.								
EHS	C&HE	EDCE	8990	Leadership in Counseling	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	Discussion	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	5210	College Student Development: Theory with Practice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR Provides an understanding of college environment theories and their application.								
EHS	C&HE	EDCP	5441	College Student Leadership Issues	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Study of theories related to leadership development and student organizations. Future trends and several models are included.								
EHS	C&HE	EDCP	5443	Residential Campus Issues	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR Provides the opportunity to develop knowledge about concerns of residential students.								
EHS	C&HE	EDCP	5447	International Student Services	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR 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	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR 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	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR Introduces students to theories, concepts, and experiences of nontraditional students.								
EHS	C&HE	EDCP	5450	Problem-based Research in Student Affairs	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCP 5210								
		COURSE DESC:		CR, PR 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	Laboratory	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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	5900	Special Topics in Education - College Student Personnel	Lecture	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	Lecture	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	Laboratory	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: The purpose of this class is to equip students with the knowledge and skills they need to help students navigate mental health challenges they encounter in the college context.								
EHS	C&HE	EDCP	6300	The Helping Relationship in Higher Education	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: The purpose of this class is to equip students with the knowledge and skills they need to help students navigate mental health challenges they encounter in the college context.								
EHS	C&HE	EDCP	6400	Theory to Practice College Student Affairs Seminar I	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Students must hold graduate assistantships or internships in higher education administrative area.								
				COURSE DESC: This seminar prepares 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.								
EHS	C&HE	EDCP	6500	Theory to Practice College Student Affairs Seminar II	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: 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.								
EHS	C&HE	EDCP	6600	Theory to Practice College Student Affairs Seminar III	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: 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.								
EHS	C&HE	EDCP	6900	Special Topics in Education - College Student Personnel	Lecture	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	6920	Practicum in Student Affairs	Practicum	3	6		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Must be taken 2 times for total of 6 hrs. Supervised experiences in offices of the university or of neighboring educational institutions.								
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: 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.								
EHS	C&HE	EDCP	7250	Advanced College Student Development: Theories and Research	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	7430	Specialized Studies in Student Development Theory	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course focuses 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.								
EHS	C&HE	EDCP	7470C	Pedagogy and Practice of Service-learning	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCP	8210	Advanced College Student Development: Theories and Research	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDCP	8900	Special Topics in Education - College Student Personnel	Lecture	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	EDHE	5780	Introduction to Assessment & Evaluation in Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDHE	5885	Historical and Contemporary Issues in Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
EHS	C&HE	EDHE	6880	Higher Education and Student Affairs in the United States	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An introduction to the study of foundations, structures, personnel, and development of American higher education.								
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is 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.								
EHS	C&HE	EDHE	6885	History and Philosophy of American Higher Education	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is 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.								
EHS	C&HE	EDHE	6890	Legal Issues in American Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An introduction to legal rights, requirements, and issues that affect the operations of institutions and individuals in American higher education.								
EHS	C&HE	EDHE	6900	Special Topics in Higher Education and Student Affairs	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDHE 6880 CR, PR								
		COURSE DESC:		Ongoing and up-to-date treatment of significant current developments in higher education.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
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.	Research	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.	Seminar	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?	Lecture	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?	Seminar	3	0		N	G50		0
EHS	C&HE	EDHE	7780	Assessment and Evaluation in Higher Education and Student Affairs 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.	Lecture	3	0		N	G50		0
EHS	C&HE	EDHE	7790	Finance and Budgeting in Higher Education GEC4: A-F, REQUISITE: CR, PR COURSE DESC: This course provides an overview of the finance and budgeting issues of higher education mainly in the U.S. The course has two major components: Finance and Budgeting. The Finance part introduces economics concepts and theories and applies them to higher education finance, and then examine the roles of federal and state governments and individuals in financing higher education. The Budgeting part compares various budgeting models and develops student practical skills relevant to institutional budgeting, especially the responsibility centered budgeting model. Additionally, the course covers the trends of world higher education finance. This course is intended primarily for graduate students in higher education and student affairs, educational studies, public policy and administration, and other related fields.	Lecture	3	0		N	G50		0
EHS	C&HE	EDHE	7800	The Professoriate and Academic Administration in Higher Education 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.	Discussion	3	0		N	G50		0
EHS	C&HE	EDHE	7800	The Professoriate and Academic Administration in Higher Education 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.	Lecture	3	0		N	G50		0
EHS	C&HE	EDHE	7810	Practicum in College Teaching and Curriculum Development 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.	Lecture	1 to 4	4		N	G50		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7820	Effective Curriculum Development and Teaching Practices in American Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course includes a 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 are discussed and related to effective teaching and learning in different settings.								
EHS	C&HE	EDHE	7830	Institutional Research and Planning in Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDHE 6880								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	7860	Leadership and Change Management in Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Focus on internal management issues and practices.								
EHS	C&HE	EDHE	7880	Policy Perspectives in Higher Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDHE	7890	Advanced Resources and Applications for Higher Education Problems	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200								
		COURSE DESC:		This course serves as an introduction to several higher education data resources and computer applications to analyze the data. This course includes basic practical information on computer applications, web-based information resources, higher education information systems, and statistical software analysis using Stata program. Specifically, the course provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.								
EHS	C&HE	EDHE	7915	International Service-Learning	Discussion	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Short-term, international, service-learning based, designed to give students advanced understanding of service-learning pedagogy and practice in a developing world context.								
EHS	C&HE	EDHE	7915	International Service-Learning	Internship	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Short-term, international, service-learning based, designed to give students advanced understanding of service-learning pedagogy and practice in a developing world context.								
EHS	C&HE	EDHE	7915	International Service-Learning	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Short-term, international, service-learning based, designed to give students advanced understanding of service-learning pedagogy and practice in a developing world context.								

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EHS	C&HE	EDHE	7920	Practicum in Higher Education Administration and Leadership	Practicum	1 to 4	4		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8210	Critical Race Theory in Higher Education	Seminar	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8900	Advanced Special Topics in Higher Education and Student Affairs	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8930	Readings and Research in Higher Education and Student Affairs	Ind Study	.5 to 3	3		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8950	Dissertation	Thesis	.5 to 15	30		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDAD	8310	Seminar in Collective Bargaining in Education	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	EDCS	1010	Education and the Democratic Community	Seminar	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.								
EHS	EDST	EDCS	1912	Introduction to Diversity Studies Field Experience/Internship	Internship	1 to 3	60		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		COURSE DESC:		Field experience or internship in a school, community or organizational setting related to diversity issues and education.								
EHS	EDST	EDCS	2010	Education and Cultural Diversity	Lecture	3	0	BER; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 1000 or EDHP 3530								
		COURSE DESC:		Public schools are institutions 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. Students observe, analyze, and reflect upon the advantages and tensions associated with teaching in a culturally diverse environment and society. They explore the cultural, social, and historical dimensions of education as they relate to cultural diversity. Students examine 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.								
EHS	EDST	EDCS	4000	Democracy, Education & Society	Lecture	3	0	3; CAP	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	4900	Special Topics in Critical Studies in Educational Foundations	Seminar	1 to 4	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		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	Practicum	1 to 9	36		I	U30		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	4930	Independent Study in Critical Studies in Educational Foundations	Ind Study	1 to 9	24		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required CR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	5010	History & Philosophies of Education	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								
EHS	EDST	EDCS	5100	Introduction to Critical Studies in Education	Seminar	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	Seminar	2	0		N	G50		0
ELIGIBLE GRADES:				GEC4: A-F, REQUISITE: Admission to CSE masters graduate program CR, PR								
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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	5900	Independent Study in Critical Studies in Educational Foundations	Lecture	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	Seminar	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	Seminar	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	Seminar	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	6920	Practicum in Critical Studies in Educational Foundations	Practicum	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	Research	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	Research	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	Thesis	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCS	7010	The Social and Cultural Contexts of Leadership	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								
EHS	EDST	EDCS	8900	Special Topics in Critical Studies in Educational Foundations	Seminar	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 elated 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	Practicum	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Research	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Individualized research project/readings in critical studies in educational foundations supervised by a faculty member.								
EHS	EDST	EDCS	8950	Dissertation in Criticall Studies in Educational Foundations	Thesis	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	2030	Technological Applications in Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.								
EHS	EDST	EDCT	5011	Technological Applications in Education - Open Source Tools for Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Teacher Education majors only. Undergraduate degree with teaching license/certification if seeking an endorsement for teaching license. CR, PR 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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR 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	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Specific course content will vary with offering.								
EHS	EDST	EDCT	5901	Computer Education and Technology Workshop in Productivity Tools	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Workshop format. Special topic productivity tools in computer education and technology.								
EHS	EDST	EDCT	5902	Computer Education and Technology Workshop in Information Tools	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR 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	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Workshop format. Special topics in network tools in computer education and technology.								
EHS	EDST	EDCT	5904	Computer Education and Technology Workshop in Programming Concepts	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Workshop format. Special topics in programming concepts in computer education and technology.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	5905	Computer Education and Technology Workshop in Curriculum Development	Lecture	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	Lecture	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	Lecture	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	Lecture	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	6002	Visual Literacy for Mediated Instruction	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	6032	Adult Learning in Online Environments	Lecture	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	Lecture	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	6051	Multimedia Tools in Education	Lecture	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	Lecture	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	Studio	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	6900	Special Topics in Education - Computer Technology	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	6910	Computer Education and Technology Clinical Practice: Theory into Practice	Internship	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	Lecture	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	Research	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Individualized research project.								
EHS	EDST	EDCT	6950	Thesis	Thesis	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Seminar	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCT 6011								
		COURSE DESC:		Provides advanced content in instructional design.								
EHS	EDST	EDCT	7021	Online Course Development	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	7042	Emerging Technologies for Learning	Lecture	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Practicum	1 to 6	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR				Permission required				
		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 Study	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F				Permission required				
		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								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDCT	8950	Dissertation	Thesis	.5 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	EDLE	2520	Administration of Education in Non-Western Cultures	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		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	EDLE	2900	Special Topics in Education - Administration	Lecture	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	EDLE	4200	Comparative Cultures and Education	Lecture	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	EDLE	4900	Special Topics in Education - Administration	Lecture	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	EDLE	5900	Special Topics in Education - Administration	Lecture	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	EDLE	5910	Educational Administration Internship I	Internship	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).								
EHS	EDST	EDLE	5911	Educational Administration Internship II	Internship	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).								
EHS	EDST	EDLE	6000	Foundational Awareness of Education Public Policy Issues	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		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	EDLE	6001	Issues, Institutions and Stakeholders in Education Public Policy	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Admission to the K - 12 Education Public Policy Certificate Leadership Program							
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	6002	Education Public Policy Implementation and Evaluation	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	EDLE	6003	Legal Issues in Education	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	EDLE	6004	Policy Perspectives in Education	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	EDLE	6010	Introduction to Leadership and Organizational Behavior	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	EDLE	6020	Structure and Behavior in Educational Organizations	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	EDLE	6021	The School and Community	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Addresses the nature and history of relationships between schools and community with regard to opportunities and challenges for leadership.								
EHS	EDST	EDLE	6040	Technology for School Leadership	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR								
		COURSE DESC:		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	EDLE	6110	Educational Law for School Leaders	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) CR, PR								
		COURSE DESC:		Selected principles of constitutional, statutory, case, and common law affecting schools and school personnel with special reference to Ohio school law.								
EHS	EDST	EDLE	6111	Legal Issues for Teachers	Seminar	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	EDLE	6210	Educational Finance for School Leadership	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	6310	Personnel Administration in Education	Seminar	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	EDLE	6400	The Principalship	Seminar	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	EDLE	6421	Instructional Leadership for Teacher Leaders	Seminar	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	EDLE	6425	The Role of the Principal in Instruction	Seminar	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	EDLE	6430	Standards-Based Assessment for School Leaders	Lecture	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	EDLE	6431	Data Applications for Teacher Leaders	Seminar	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	EDLE	6610	School-Community Relations	Lecture	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	EDLE	6810	Managing the School District	Seminar	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	EDLE	6820	Planning for District Improvement	Seminar	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.								
EHS	EDST	EDLE	6830	Human Relations at the District Level	Seminar	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	EDLE	6900	Special Topics in Education - Administration	Lecture	1 to 15	999		N	G50		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	6915	Educational Administration Internship I (Superintendency)	Internship	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	EDLE	6916	Educational Administration Internship II (Superintendency)	Internship	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	EDLE	6920	Education Public Policy Practicum and Residency	Practicum	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	EDLE	6941	Final Masters Project for Teacher Leaders	Research	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	EDLE	6942	Research in Educational Administration	Research	1 to 6	33		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Individual research studies.								
EHS	EDST	EDLE	6950	Thesis	Thesis	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Masters thesis.								
EHS	EDST	EDLE	6980	Educational Administration Portfolio I: Data Gathering	Seminar	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	EDLE	7020	State and National Administration of Education	Lecture	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.								
EHS	EDST	EDLE	7030	Advanced Seminar in Policy Initiatives and Networks in Education	Seminar	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	EDLE	7071	Comparative Cultures and Education	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	7072	Education & Development in Developing Countries	Lecture	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	EDLE	7073	Perspectives in International/Global Education	Lecture	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	EDLE	7300	Advanced Seminar in Leadership	Seminar	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	EDLE	7310	Conflict Management in Educational Administration	Lecture	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	EDLE	7420	Planning Educational Facilities	Lecture	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	EDLE	7510	Business Administration in Education	Lecture	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	EDLE	7521	Critical Analysis of School Effectiveness Models and Methods	Seminar	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	EDLE	7522	Education and Development	Seminar	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	EDLE	7523	Issues and Institutions in Global Education and Development	Seminar	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	7524	Global and Transcultural Understandings	Seminar	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	EDLE	7525	Advanced Comparative Education: Methods and Theories	Seminar	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	EDLE	7710	Community Education	Seminar	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	EDLE	7820	Politics/Policy in Education	Lecture	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	EDLE	7840	Educational Planning and Evaluation	Seminar	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	EDLE	7900	Special Topics in Educational Administration	Seminar	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	EDLE	7910	Leadership Project--Problem Identification	Internship	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	EDLE	7911	Leadership Project--Implementation	Internship	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.								
EHS	EDST	EDLE	7912	Leadership Project-- Analysis and Evaluation	Internship	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	EDLE	7915	Advanced Seminar in Educational Leadership I	Internship	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Field-oriented advanced seminar in educational leadership and policy. Seminar I focuses on practice.								
EHS	EDST	EDLE	7916	Advanced Seminar in Educational Leadership II	Internship	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Field-oriented advanced seminar in educational leadership and policy. Seminar II focuses on research.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDLE	8110	Legal Aspects of Educational Administration	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	EDLE	8240	Seminar in Educational Finance	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	EDLE	8440	Seminar in Educational Facilities	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Helps students gain greater depth of understanding of and competence in planning of educational facilities and administration of building programs.								
EHS	EDST	EDLE	8540	Seminar in Business Administration in Education	Seminar	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	EDLE	8640	Seminar in Public Relations	Seminar	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	EDLE	8800	Rural Schools and Communities	Seminar	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	EDLE	8810	Organization in Educational Systems	Seminar	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	EDLE	8820	Politics/Policy in Education	Seminar	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	EDLE	8900	Special Topics in Education - Administration	Lecture	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	EDLE	8901	Research in Educational Administration	Tutorial	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Research seminar; content varies.								
EHS	EDST	EDLE	8950	Dissertation	Thesis	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Doctoral dissertation.								
EHS	EDST	EDRE	2900	Special Topics in Education - Research & Evaluation	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDRE	5010	Introduction to Educational Research Methods	Lecture	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Status CR, PR								
		COURSE DESC:		The purpose of this course is for students to learn about and utilize one of the different research methodologies and methods often employed in educational research, assessment and evaluation. Students learn how to critically evaluate research literature, conduct a literature review, address ethics, form research questions, choose research designs and methods, utilize data collection and analysis, and disseminate research. Hence, students learn about the different approaches to educational research including quantitative, qualitative and mixed methods research. Finally, students learn about the different theories, methods, research designs, and analytical tools utilized in these different methodological frameworks.								
EHS	EDST	EDRE	5900	Special Topics in Education - Research & Evaluation	Lecture	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	6900	Special Topics in Education - Research & Evaluation	Lecture	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	6920	Special Projects in Educational Research and Evaluation	Practicum	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	6930	Readings in Educational Research and Evaluation	Ind Study	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	Research	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	Thesis	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	Lecture	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	Lecture	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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Course topics include measures of central tendency, measures of variability, standard scores, normal curve, simple regression, correlation, point estimates, testing statistical hypotheses, mean comparisons, confidence intervals, t-distributions, chi-square distributions, F-distributions, and the use of computer statistical packages.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDRE	7210	Regression Analysis in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 CR, PR								
		COURSE DESC:		Course topics include multiple regression, general linear model, logistic regression, analysis of variance designs, contrasts, and the use of computer statistical packages.								
EHS	EDST	EDRE	7230	Questionnaires and Scale Development in Education	Lecture	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	Lecture	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 and 7500 CR, PR								
		COURSE DESC:		The overall purpose of this course is for students to design and develop a research proposal. In the process, students learn to critically evaluate research literature. Students develop an understanding of how to develop a research problem or question(s) and articulate the methodological framework required to answer their research question(s). In addition, students address in their research proposal theory, data collection methods, sampling strategies, cite selection, data analysis and researcher ethics.								
EHS	EDST	EDRE	7500	Introduction to Qualitative Research Methodology in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		In this course, students learn about the historical and theoretical underpinnings of qualitative methodology. Students utilize the three primary methods of data collection in qualitative research: documents, interviews and observations. Students examine the different theories, sampling strategies, analysis and research designs employed in qualitative methodology. Students design a qualitative inquiry project and explore how to ensure credibility and trustworthiness in the findings of their research. Finally, ethics, CITI and IRB protocols are addressed.								
EHS	EDST	EDRE	7510	Qualitative Interviewing Methods in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 7500 PR								
		COURSE DESC:		The purpose of this course is to introduce students to the development of qualitative interviews as a method. The course examines the process of designing different kinds of qualitative interviews. In the course, students engage in conducting three different kinds of interviews, preparing transcripts of interviews, and analyzing qualitative data. Finally, students examine different theoretical approaches to interpreting interview data.								
EHS	EDST	EDRE	7520	Ethnographic Methods in Education	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 7500 PR								
		COURSE DESC:		This course explores the development of ethnography as a field. It explores the many different kinds of ethnography. It examines the process of designing and executing ethnographic research studies. Students learn of different kinds of participant observation, field notes, ethnographic interviews, and useful cultural artifacts and documents often employed in ethnographic research. Different approaches to interpreting ethnographic data are explored as well.								
EHS	EDST	EDRE	7530	Qualitative Data Analysis History, Theory and Implementation	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDRE 7500								
		COURSE DESC:		In this advanced research course students study various qualitative data analysis techniques and examine ways in which different theories inform the analysis and interpretation of various qualitative data sources. This course in qualitative data analysis informs students about the history, substantive theories, research designs and the inductive methods employed to conduct qualitative data analysis. Additionally, students engage in learning about the different computer assisted qualitative data analysis software and traditional data analysis procedures. In sum, this course assists doctoral students in disseminating the outcomes of their qualitative research through developing skills for documenting their data analysis processes, procedures and findings.								
EHS	EDST	EDRE	7600	Multivariate Statistical Methods in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7210 CR, PR								
		COURSE DESC:		Course topics include multivariate methods in educational statistics, statistical modeling, extensions of the general linear model, and the use of computer statistical packages.								
EHS	EDST	EDRE	7610	Computer Science Applications in Educational Research	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	EDRE	7700	Introduction to Mixed Methods Research in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides an introduction of mixed methods research in social and educational sciences to graduate students who are already familiar with quantitative and qualitative research and students who may conduct mixed methods theses/dissertations. Mixed methods research is more than simply collecting both quantitative and qualitative data, and instead, it integrates quantitative and qualitative methods from the research-planning phase to the implementation phase. This course focuses on major characteristics of mixed methods and three basic designs, i.e., convergent parallel design, explanatory sequential design, and exploratory sequential design. It offers individuals a foundation for conducting mixed methods research.								
EHS	EDST	EDRE	7710	Advanced Mixed Methods Research	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDRE 7700	The course is designed to enhance students' understanding and application of mixed methods. It focuses on how to design advanced mixed methods projects to achieve complex research objectives. This advanced course is project-based and requires students to complete individual mixed methods projects. This course focuses on the application of mixed methods research and the discussion on three advanced mixed methods research designs in details, i.e., embedded design, transformative design, and multi-phase design.							
EHS	EDST	EDRE	7800	Program Evaluation in Education	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: EDRE 7200 and 7500	CR, PR 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	Internship	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required	CR, PR Individual research, fieldwork, or internship in educational research, statistics, measurements, and evaluation. May be critical evaluation or practical application of research methodology.							
EHS	EDST	EDRE	7930	Advanced Readings in Educational Research and Evaluation	Ind Study	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required	CR, PR 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	Research	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required	CR, PR 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	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:	CR, PR Specific course content will vary with offering.							
EHS	EDST	EDRE	8950	Dissertation	Thesis	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required	CR, PR Completion of dissertation.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Lecture	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 have the opportunity to be paired with local area middle school 7th and 8th graders and Ohio University's Women's Center to conduct the Young Women's Leaders Program. This program has a gendered focus in looking at the experiences of women but is open to anyone who believes they would benefit from a program with that lens. If students would like to be considered as a mentor, they are required to complete both a BCI and FBI background check. The fee for this totals \$62 and should be paid for by the student. Additionally, the service learning requires that students continue mentoring at the middle school through the spring term on Wednesdays (3:05-5:05), though they will no longer be enrolled in the course. For those unable to commit to that service learning, there is an alternate service learning option that will enable students to create workshops that may be used with parents of those in the Young Women Leaders 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	Seminar	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		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	Practicum	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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 Study	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Students explore topics for honor's thesis through reading and reviewing scholarly work.								
EHS	EHS	PCOE	4950H	Honors Thesis in HCS	Tutorial	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Students make progress toward and complete an undergraduate honors thesis.								
EHS	EHS	PCOE	5900	Patton College of Education Workshop	Lecture	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	5901	TEACHER QUALITY MATTERS: OHIO'S SEVEN STANDARDS FOR TEACHING	Lecture	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PCOE 5901 is comprised of three modules that focus on Ohio's Standards for the Teaching Profession (OSTP). The Introduction and three Modules are self-paced and completed in a consecutive manner. The Modules and overarching topics follow: Module I: The Focus of Teaching and Learning; Module II: The Conditions for Teaching and Learning; and Module III: Teaching as a Profession. This course cannot be used toward any Ohio University degree program.								
EHS	EHS	PCOE	5902	Mentoring Quality Matters: Supporting Ohio's Continuum of Teacher Development	Lecture	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		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	Lecture	1	99		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		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
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College	Dept	Subj	Cat #	Title	Component	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
EHS	EHS	PCOE	5908	Evidence-Based Practices in Teaching	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		This professional development workshop is designed for educators working in P-12 settings. The modules focus on identifying and selecting effective educational strategies supported by evidence and research, implementing evidence-based practices or programs with fidelity, and evaluating the effectiveness of evidence-based practices with one's own students. At the completion of the workshop, participants receive a Certificate of Completion and one semester hour of graduate credit. This workshop cannot be used toward any Ohio University degree requirements.								
EHS	EHS	PCOE	5915	Student Development and Learning & Curriculum Development	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		This course is part of a 12 hour professional development institute designed to enable in-service teachers working under an Ohio Department of Education issued Alternative License to meet the state requirements for a 5 year Professional License. This course is intended for multiple licensure bands and content areas. The purpose of this course is to explore development and learning across the life cycle (early years to young adulthood) and to enhance understanding of and ability to think, plan lessons for and write critically about the ways that theories of human development are dynamic, rather than static. In addition, this course prepares the learner to understand the ways curriculum is designed around the development of the child including instructional goals and objectives that are measurable, articulate scope and sequence that is logical and understand how academic standards are arrived at and approved.								
EHS	EHS	PCOE	5916	Teaching Methodology	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		This course is part of a 12 hour professional development institute designed to enable in-service teachers working under an Ohio Department of Education issued Alternative License to design, implement, evaluate, and reflect upon the processes of elementary and secondary school teaching and learning. This course is intended for multiple licensure bands and content areas. Content is focused on the planning process, instructional and management practices, adaptations and curricular modifications, effective collaboration strategies, accessing related and support services, and skills necessary for effective instruction within an inclusive classroom. Strategies for systematic planning, methods of direct instruction, cooperative learning, other teaching methods and effective classroom interaction are also explored.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EHS	PCOE	5917	Classroom Management and Student Assessment	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is part of a 12 hour professional development institute designed to enable in-service teachers working under an Ohio Department of Education issued Alternative License to meet the state requirements for a 5 year Professional License. This course focuses on the Seven Ohio Standards for the Teaching profession reflected in the state mandated Resident Educator assessment. This course is intended for multiple licensure bands and content areas. Content is focused on instructional and assessment strategies, designing and maintaining a positive learning environment, classroom management and positive discipline strategies, and teacher reflection. Effective collaboration strategies, accessing related and support services, and skills necessary for effective instruction and assessment within an inclusive classroom are reviewed. Strategies for systematic planning, methods of direct instruction, and effective classroom interaction are also explored.								
EHS	EHS	PCOE	5918	Reading: Foundations, Instruction, Diagnosis and Intervention, & Reading in the Content Areas	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is part of a 12 hour professional development institute designed to enable in-service teachers working under an Ohio Department of Education issued Alternative License to meet the state requirements for a 5 year Professional License. This course is intended for multiple licensure bands and content areas. This course emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. The area of general literacy skills, prior knowledge of content, content-specific literacy skills and understanding of the nature of reading instruction in secondary schools are concepts stressed in the class. In addition, concepts including ESL/ELL teaching and learning theories, various methods and techniques of ESL/ELL instruction are discussed. For teachers working on an elementary, middle childhood and intervention specialist license, this course also emphasizes the foundations of reading and reading instruction including emergent literacy, word recognition, phonics, fluency, vocabulary, and comprehension.								
EHS	EHS	PCOE	5919	Curriculum and Instruction	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This self-paced course is part of a 15-hour professional development institute (PDI) for secondary teachers and an 18-hour PDI for intervention specialists, elementary and middle school teachers designed to enable in-service teachers working under an Ohio Department of Education issued Alternative License to meet the state requirements for a 5-year Professional License. Content is focused on national, state and local curriculum requirements, developing appropriate, rigorous, and measurable instructional objectives, creating long term and intermediate term units plans while using instructional objectives and district and state approved academic content standards. Adaptations and curricular modifications based on student needs, choosing and aligning appropriate curriculum materials, and how high stakes testing impacts curriculum development are stressed, as will how curriculum development aligns with the Ohio Standards for the Teaching Profession.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	2900	Special Topics in Retail Merchandising and Fashion Product Development	Lecture	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	RFPD	3930	Studies in Clothing and Textiles	Ind Study	2 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Research and independent study in a student selected area of clothing and textiles.								
EHS	HCSE	RFPD	4150	Flat Pattern	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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	4160	Draping	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Designing of apparel using draping techniques. Emphasis on fabric as medium rather than pattern development in design process.								
EHS	HCSE	RFPD	4540	Clothing for Persons with Special Needs	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
EHS	HCSE	RFPD	5150	Flat Pattern	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Research	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Individual research and lab testing of problems in advanced textiles.								
EHS	HCSE	RFPD	6050	History of Costume	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Clothing through the ages as reflection of historical period and source for present-day design.								
EHS	HCSE	RFPD	6060	History of Textiles	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Course description not available.								
EHS	HCSE	RFPD	6090	Psychological, Social, and Economic Aspects of Clothing	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Contemporary uses and roles of textiles and clothing as affected by economic, social, and psychological forces seen in historic perspective.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	6500	Theories in Merchandising and Consumer Sciences	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: Specific course content will vary with offering.							
EHS	HCSE	T3	4722	Food and Culture of the Mediterranean	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: One course in (ANTH or GEOG or SOC) and Sr only Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.								
EHS	HCSE	T3	4925	Leadership in Customer Service	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Two courses in CONS, EDCE, RFM, and/or RHT at the 3000 or 4000 level and Sr only Strong leaders are an essential element in the customer service equation. This capstone course is a requirement for those seeking the customer service minor. Students gain an understanding of characteristics from a variety of leadership styles and reflect about how those characteristics support a service infused culture. Students assess their leadership traits, apply their knowledge of leadership to case studies and analyze leadership in relation to historical, ethical, sociological and psychological perspectives.								

**MASTER CURRICULUM FILE
 COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	1001	Day Hiking	Laboratory	1	0	BLD	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduces students to the knowledge and skills needed to safely and enjoyably participate in both short and extended day-hiking experiences. Topics include trip planning, equipment selection and use, fitness and nutrition, navigation and travel techniques, water treatment, waste disposal, environmental ethics, and safety and risk management.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	2120	Introduction to Coaching	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course presents an overview of the theoretical and practical components involved in sports coaching at the youth, interscholastic, and/or intercollegiate levels. These components include planning, delivery, and evaluation of coaching practice plans, coaching methodologies, and reflection on planning and practice.								
EHS	RSPC	COED	2130	Youth and Sports	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course presents an overview of the bio-psycho-social perspective of sports coaching for children and youth. The course covers the evolution and philosophy of youth sports, developmental readiness for participation, as well as the physiological, psychological, and social aspects of youth sports coaching.								
EHS	RSPC	COED	2510	Techniques and Tactics of Golf	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Increases golf skill of students majoring in sport sciences.								
EHS	RSPC	COED	2512	Techniques and Tactics of Tennis	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with playing tennis.								
EHS	RSPC	COED	2513	Techniques and Tactics of Track and Field	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with track and field.								
EHS	RSPC	COED	2514	Techniques and Tactics of Wrestling	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with wrestling.								
EHS	RSPC	COED	2515	Techniques and Tactics of Strength and Conditioning	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning the techniques of strength and conditioning.								
EHS	RSPC	COED	2610	Techniques and Tactics of Baseball	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics with baseball.								
EHS	RSPC	COED	2611	Techniques and Tactics of Basketball	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with basketball.								
EHS	RSPC	COED	2612	Techniques and Tactics of Field Hockey	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with field hockey.								
EHS	RSPC	COED	2613	Techniques and Tactics of Football	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with football.								
EHS	RSPC	COED	2614	Techniques and Tactics of Ice Hockey	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with ice hockey.								
EHS	RSPC	COED	2615	Techniques and Tactics of Lacrosse	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with lacrosse.								
EHS	RSPC	COED	2616	Techniques and Tactics of Soccer	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with soccer.								
EHS	RSPC	COED	2617	Techniques and Tactics of Softball	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics of softball.								
EHS	RSPC	COED	2618	Techniques and Tactics of Volleyball	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with volleyball.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	2900	Special Topics in Coaching Education	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	COED	2920	Practicum in Coaching	Practicum	1 to 4	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Supervised work experience in various aspects of coaching intercollegiate, interscholastic athletics or youth sports.								
EHS	RSPC	COED	3120	Analysis of Current Research in Athletic Coaching	Seminar	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 2120								
		COURSE DESC:		This course develops students' knowledge and understanding of professional issues presented in the current literature and findings in academic athletic coaching research by exposing them to information in selected peer-reviewed research and related lectures from faculty and invited experts.								
EHS	RSPC	COED	3130	Human Dynamics in Sport	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		This course provides students with an introduction to the science of skill development, sport psychology, team social dynamics, and their impact on participant learning and performance.								
EHS	RSPC	COED	3210	Coaching Golf	Laboratory	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	RSPC	COED	3210	Coaching Golf	Lecture	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	RSPC	COED	3211	Coaching Tennis	Laboratory	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	RSPC	COED	3211	Coaching Tennis	Lecture	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	RSPC	COED	3212	Coaching Track and Field	Laboratory	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	RSPC	COED	3212	Coaching Track and Field	Lecture	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	RSPC	COED	3213	Coaching Wrestling	Laboratory	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	RSPC	COED	3213	Coaching Wrestling	Lecture	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	RSPC	COED	3214	Coaching Strength and Conditioning	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		This course explores the design and implementation of developmentally appropriate conditioning and training programs to maximize individuals' health and well-being.								
EHS	RSPC	COED	3214	Coaching Strength and Conditioning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		This course explores the design and implementation of developmentally appropriate conditioning and training programs to maximize individuals' health and well-being.								
EHS	RSPC	COED	3310	Coaching Baseball	Laboratory	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	RSPC	COED	3310	Coaching Baseball	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	3311	Coaching Basketball	Laboratory	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	RSPC	COED	3311	Coaching Basketball	Lecture	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	RSPC	COED	3312	Coaching Field Hockey	Laboratory	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	RSPC	COED	3312	Coaching Field Hockey	Lecture	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	RSPC	COED	3313	Coaching Football	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3313	Coaching Football	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3314	Coaching Ice Hockey	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3314	Coaching Ice Hockey	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3315	Coaching Lacrosse	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3315	Coaching Lacrosse	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3316	Coaching Soccer	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3316	Coaching Soccer	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3317	Coaching Softball	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3317	Coaching Softball	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3318	Coaching Volleyball	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3318	Coaching Volleyball	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		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	RSPC	COED	3403	Athletic Officiating--Track and Field	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Rules, mechanics, and procedures associated with officiating. Practical officiating experience with Intramural Sports Program.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	3403	Athletic Officiating--Track and Field	Lecture	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	RSPC	COED	3410	Athletic Officiating--Baseball	Laboratory	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	RSPC	COED	3410	Athletic Officiating--Baseball	Lecture	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	RSPC	COED	3411	Athletic Officiating--Basketball	Laboratory	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	RSPC	COED	3411	Athletic Officiating--Basketball	Lecture	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	RSPC	COED	3413	Athletic Officiating--Football	Laboratory	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	RSPC	COED	3413	Athletic Officiating--Football	Lecture	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	RSPC	COED	3416	Athletic Officiating--Soccer	Laboratory	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	RSPC	COED	3416	Athletic Officiating--Soccer	Lecture	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	RSPC	COED	3417	Athletic Officiating--Softball	Laboratory	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	RSPC	COED	3417	Athletic Officiating--Softball	Lecture	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	RSPC	COED	3418	Athletic Officiating-- Volleyball	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students will learn how to officiate volleyball matches.								
EHS	RSPC	COED	3418	Athletic Officiating-- Volleyball	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students will learn how to officiate volleyball matches.								
EHS	RSPC	COED	4180	Special Topics Seminars	Seminar	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:								
				CR, PR								
		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	RSPC	COED	4210	The Olympic Movement	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				COED 2120								
				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	RSPC	COED	4212	Coaching the Elite Athlete	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				COED 2120 and JR or SR								
				This course explores how coaches can develop elite athletes from a multi-disciplinary perspective. Students examine the diverse characteristics of elite performers, current methods used to study expert performance, and the process of developing expertise including the role of genetics, family members, and coaches.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	4213	Dynamics of Skill Acquisition	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		This course incorporates the theories behind skill acquisition and how coaches utilize different methods to teach, improve and advance skill levels of their athletes.								
EHS	RSPC	COED	4305	Contemporary Issues in Athletic Coaching	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: COED 2120								
		COURSE DESC:		CR, PR This course examines contemporary issues in sports coaching pertaining to coach pedagogy and athlete learning.								
EHS	RSPC	COED	4900	Special Topics in Coaching Education	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		This course provides faculty the opportunity to expose students to knowledge related to an emerging or specialist topic in coaching education that is not to be made part of and/or is currently beyond the scope of the regular course offerings.								
EHS	RSPC	COED	4901	Coaching Symposium	Seminar	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	RSPC	COED	4911	Instructional Experience	Laboratory	1 to 10	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F This course provides students with the opportunity to gain supervised/independent practical experience in organizing and teaching activities related to a sport in an academic/college teaching environment.								
EHS	RSPC	COED	4920	Practicum in Coaching	Practicum	1 to 3	3	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required and COED 2120								
		COURSE DESC:		PR, F This course provides students with the opportunity to gain supervised work experience in a coaching environment at the youth, interscholastic or intercollegiate level.								
EHS	RSPC	COED	4930	Independent Study	Ind Study	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	RSPC	COED	5212	Coaching the Elite Athlete	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores how coaches can develop elite athletes from a multi-disciplinary perspective. Students examine the diverse characteristics of elite performers, current methods used to study expert performance, and the process of developing expertise including the role of genetics, family members, and coaches.								
EHS	RSPC	COED	5213	Dynamics of Skill Acquisition	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: COED 2120								
		COURSE DESC:		This course incorporates the theories behind skill acquisition and how coaches utilize different methods to teach, improve and advance skill levels of their athletes.								
EHS	RSPC	COED	5300	Readings in Coaching Education	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course focuses on the history, questions, methodologies, and findings relative to sports coaching research, policy, and practice.								
EHS	RSPC	COED	5305	Contemporary Issues in Athletic Coaching	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course examines contemporary issues in sports coaching pertaining to coach pedagogy and athlete learning.								
EHS	RSPC	COED	5900	Special Topics in Coaching Education	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course provides faculty the opportunity to expose students to knowledge related to an emerging or specialist topic in coaching education that is not to be made part of and/or is currently beyond the scope of the regular course offerings.								
EHS	RSPC	COED	5901	Coaching Symposium	Seminar	1 to 10	20		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course provides opportunities for students to engage in formal/informal learning opportunities alongside experts in the field of sports coaching.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	5911	Instructional Experience	Field	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		This course provides students with the opportunity to gain supervised/independent practical experience in organizing and teaching activities related to a sport in an academic/college teaching environment.								
EHS	RSPC	COED	6050	Coaching Athletes with Disabilities	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores theoretical components and contextual environments for coaching athletes with disabilities. Students examine the historical evolution of participation, competition, coaching practices, and inclusion of athletes with disabilities within diverse contexts of physical activity and sport.								
EHS	RSPC	COED	6100	Coaching Workshop I	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course prepares students to become effective online learners by working with faculty and/or sport coaching experts in workshops of varying length and complexity.								
EHS	RSPC	COED	6101	Coaching Workshop II	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6100								
		COURSE DESC:		This course provides students with an opportunity to work with faculty and/or sports coaching experts in workshops of varying length and complexity to plan their ongoing professional development as a coach.								
EHS	RSPC	COED	6110	Foundations of Coaching I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course focuses on developing students' knowledge of effective coaching methods and the principles that underpin them across the range of developmental coaching levels. Students apply knowledge to create a system for long-term success, which can be maintained across each season of the coaching cycle.								
EHS	RSPC	COED	6115	Foundations of Coaching II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6110								
		COURSE DESC:		This course exposes students to a models-based approach to coaching and its application to coaching athletes at the youth, interscholastic, and intercollegiate levels.								
EHS	RSPC	COED	6120	Management and Leadership in Sport	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course examines contemporary theories related to management and leadership and their application to sport. Students develop the necessary knowledge, skills, and qualities for leading a sports team, program, and/or sports organization, which can be applied across a range of developmental coaching levels.								
EHS	RSPC	COED	6130	Finance for Sport Coaches	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course provides athletic sports coaches at all developmental levels with the knowledge, skills, and qualities associated with the financial management of their programs.								
EHS	RSPC	COED	6140	Psychology of Coaching	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course provides an analysis of how psychological factors influence coaches' understanding of athlete/team well-being and performance. The focus of this course is on the psychological theories and principles and their application in sport coaching environments.								
EHS	RSPC	COED	6150	Injury Prevention & Risk Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores the responsibilities of coaches toward athlete safety, pertaining to risk of injury, illness, rest, and appropriate recovery from injury.								
EHS	RSPC	COED	6160	Performance and Conditioning for Athletic Coaches	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores the physiological concepts of the human body and their relationships with improving sports performance. The course specifically focuses on the analysis of the physiological demands of various sports and students examine how individual athletes physiologically adapt to different training stimuli depending on their gender, age, and other environmental factors.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	6170	Ethics and Diversity in Athletic Coaching	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course examines ethical and diversity issues pertaining to athletic coaches. The primary focus is on the students' development of critically reflective reasoning skills which guide ethically sound decision-making when conducting diverse coaching activities.								
EHS	RSPC	COED	6180	Utilizing Technology in Athletic Coaching	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course prepares athletic coaches to effectively utilize technology to improve athlete learning in youth, interscholastic, intercollegiate, and elite coaching settings.								
EHS	RSPC	COED	6180	Utilizing Technology in Athletic Coaching	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course prepares athletic coaches to effectively utilize technology to improve athlete learning in youth, interscholastic, intercollegiate, and elite coaching settings.								
EHS	RSPC	COED	6190	Coaching through Games	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course allows students to explore opportunities to enhance their practice design and coaching effectiveness through the practical application of Game-Based Approaches.								
EHS	RSPC	COED	6190	Coaching through Games	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course allows students to explore opportunities to enhance their practice design and coaching effectiveness through the practical application of Game-Based Approaches.								
EHS	RSPC	COED	6200	Research and Analysis Methods for Athletic Coaches	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores methods of research inquiry that enhance athletic coaches' ability to become reflective practitioners.								
EHS	RSPC	COED	6200	Research and Analysis Methods for Athletic Coaches	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores methods of research inquiry that enhance athletic coaches' ability to become reflective practitioners.								
EHS	RSPC	COED	6210	Coaching Soccer: The Beautiful Game	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		In this course, students explore what soccer coaches need to know about being a coach and how they will teach the beautiful game to players at all developmental levels. The content of this course centers on developing an athlete-centered soccer coaching philosophy, the utilization of effective coaching approaches in the development of seasonal and daily practice plans, player and coach learning, soccer coach reflection, and self-care.								
EHS	RSPC	COED	6220	Concepts of Soccer Player Development	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		In this course, students examine developmentally appropriate principles and practices for coaches when working with youth soccer players aged 12 and under. This includes growth and maturation issues, physical and psychomotor characteristics, motor development, cognitive learning, and psycho-social issues.								
EHS	RSPC	COED	6230	Reading, Writing and Applying Research for Sport Coaches	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course provides students with the opportunity to read and demonstrate an understanding of current research, write about research methods and practices, and apply research in sports coaching.								
EHS	RSPC	COED	6240	Social Dynamics in Sports Coaching	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course exposes students to the sociological dynamics of coaching through the utilization of different social theories and how they apply within the sports coaching domain. The course explores the work of a number of key social theorists so that students can understand sociological themes and how these themes affect athletes learning and development.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	6250	Soccer: The Global Game	Seminar	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	RSPC	COED	6270	Advanced Soccer Player Development	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course focuses on the coach's role in technical, tactical, physical, and psychosocial development for soccer players aged 14 and older.								
EHS	RSPC	COED	6280	Leadership and Team Dynamics in Soccer	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores leadership theory and practices for soccer coaches and identifies team building strategies, game and practice management responsibilities, scheduling, travel, budget, fundraising, equipment purchasing, recruiting, and other pre/in/off season management tasks. Unique soccer management responsibilities at the youth, interscholastic, club, intercollegiate, and professional levels of soccer are also included.								
EHS	RSPC	COED	6300	Training and Conditioning for Soccer Coaches	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course presents principles and applications of athletic performance for soccer coaches. Content includes the development of an understanding of the physiological basis of training and adaptation in the areas of aerobic and anaerobic fitness, strength and power, flexibility, and speed and agility. Students also study principles of periodization and program design to create both in-season and off-season training plans for soccer players.								
EHS	RSPC	COED	6320	Sport Performance for Athletic Coaches	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		This course provides students with an opportunity to apply their knowledge of sports performance through the design and implementation of developmentally appropriate strength and conditioning programs for teams/individual athletes.								
EHS	RSPC	COED	6320	Sport Performance for Athletic Coaches	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		This course provides students with an opportunity to apply their knowledge of sports performance through the design and implementation of developmentally appropriate strength and conditioning programs for teams/individual athletes.								
EHS	RSPC	COED	6330	Analysis of Sport Performance for Coaches	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course exposes students to the various analysis tools and methods used by sports coaching practitioners to evaluate and assess sports performance. More specifically, students analyze athlete and coach behavior utilizing a variety of technological tools.								
EHS	RSPC	COED	6340	Performance Recovery: Strategies for Coaches	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course explores strategies for athletic coaches to help athletes recover physically, mentally, and emotionally from the demands of training and athletic performance.								
EHS	RSPC	COED	6400	Coaching Performance Evaluation	Clinical	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course provides students with the opportunity to demonstrate and reflect on their coaching effectiveness with athletes in their local context.								
EHS	RSPC	COED	6900	Special Topics in Coaching Education	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course provides faculty the opportunity to expose students to knowledge related to an emerging or specialist topic in coaching education that is not to be made part of and/or is currently beyond the scope of the regular course offerings.								
EHS	RSPC	COED	6920	Practicum	Practicum	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		This course provides students with the opportunity to gain supervised work experience in a coaching environment at the youth, interscholastic or intercollegiate level.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	COED	6930	Guided Independent Study	Ind Study	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		This course allows students to complete independent and individualized study on a topic of interest with the guidance and feedback of an assigned faculty mentor.								
EHS	RSPC	COED	6940	Research Dynamics: Planning, Participation, and Actualization of the Research Process	Research	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		This course provides opportunities for athletic coaching students to conduct a faculty-mentored research study in preparation for publication in a peer-reviewed journal.								
EHS	RSPC	COED	6941	Special Problems	Research	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		This course provides the opportunity for students to identify and undertake professional development and learning opportunities that are not currently part of the framework of regular course offerings.								
EHS	RSPC	COED	6950	Thesis	Thesis	1 to 4	100		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and COED 6230 CR, PR								
		COURSE DESC:		This course provides students with the opportunity to conduct independent, original, and significant research through completion of a master's level thesis.								
EHS	RSPC	CONS	1100	Community and Workforce Opportunities in Human and Consumer Sciences	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		Students focus on the awareness of varied career choices as a family and consumer sciences (FCS) professional, which include an introduction to career exploration strategies utilizing FCS national standards. Emphasis for the students, is on professional assessment of goals, skills, and new trends in family and consumer sciences, and career/technical education and resources.								
EHS	RSPC	CONS	2500	Families as Consumers in Global Communities	Lecture	3	0	2SS; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is an analysis of basic components and operations of global economic systems as they affect the consumer in different cultures and countries around the world. The impact of this on a consumer's decision making and consumption practices is examined. Students analyze their consumption habits in relation to the consumption habits of people in other cultures and how cultural rules and biases may affect the consumption opportunities available to people in different cultures.								
EHS	RSPC	CONS	2900	Special Topics in Human and Consumer Sciences General	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	CONS	3100	Human Resources for Customer Service Leadership Professionals	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500 and Jr or Sr Status								
		COURSE DESC:		This course focuses on the internal customer (the employee) and prepares students to understand the role of Human Resources (HR) professionals. Students are equipped with knowledge and best HR practices in a variety of service professions.								
EHS	RSPC	CONS	3250	Principles of Customer Service	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		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	RSPC	CONS	3400	Teaching of Family and Consumer Sciences	Lecture	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	RSPC	CONS	3450J	Writing in Human and Consumer Sciences	Lecture	3	0	1J; FAW	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	RSPC	CONS	3890	Career Development for Service Professionals	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CONS 2500 and Jr or Sr Status								
		COURSE DESC:		Exploration of career opportunities and job responsibilities for customer and human 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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	CONS	3950	Consumer Resource and Financial Management	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Investigation and analysis of consumer decision making for resource and financial management.								
EHS	RSPC	CONS	4500	Problems in Teaching Family and Consumer Sciences	Lecture	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		Creative and conceptual approaches for exploring effective teaching of family and consumer sciences.								
EHS	RSPC	CONS	4900	Special Topics in Human and Consumer Sciences General	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	CONS	4910	Field Work in Consumer Sciences: Career Technical Education	Internship	3 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Field work in Career Technical education; students arrange placement.								
EHS	RSPC	CONS	4915	Internship: Customer Service Leadership	Internship	3 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	CONS 2500 and 3890 and (4953 or 3250)						
		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	RSPC	CONS	4916	Internship: Food Service	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	RSPC	CONS	4917	Internship: Retailing	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	RSPC	CONS	4930	Independent Study - Family and Consumer Sciences	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		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	RSPC	CONS	4935	Independent Study - Customer Service Leadership	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		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	RSPC	CONS	4952	Workshop in Family and Consumer Sciences Education	Lecture	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences.								
EHS	RSPC	CONS	4953	Workshop in Customer Experience Trends	Lecture	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Content varies.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	CONS	4954	Resource and Financial Management	Lecture	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Workshop in Resource and Financial Management								
EHS	RSPC	CONS	4955	Workshop in Family and Consumer Sciences - Family Life Education	Lecture	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	RSPC	CONS	4961	Seminar in Family and Consumer Sciences Education	Lecture	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	RSPC	CONS	4965	Human and Consumer Sciences Seminar in International Service	Seminar	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	RSPC	CONS	4966	Seminar or Short Course in Human and Consumer Sciences - Research	Seminar	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	RSPC	CONS	5900	Special Topics in Human and Consumer Sciences Education General	Lecture	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	RSPC	CONS	5952	Workshop in Family and Consumer Sciences Education	Lecture	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	RSPC	CONS	5953	Workshop in Customer Experience Trends	Lecture	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies.								
EHS	RSPC	CONS	5954	Resource and Financial Management	Lecture	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Workshop in Resource and Financial Management								
EHS	RSPC	CONS	5955	Workshop in Family and Consumer Sciences - Family Life Education	Lecture	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Special workshops on topics related to family life education.								
EHS	RSPC	CONS	5961	Seminar in Family and Consumer Sciences Education	Lecture	1 to 6	6		N	G40		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								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	CONS	5965	Human and Consumer Sciences Seminar in International Service	Seminar	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Special seminar or workshop for human and consumer sciences majors prepare for and participating in international service.								
EHS	RSPC	CONS	5966	Seminar or Short Course in Human and Consumer Sciences - Research	Seminar	1 to 6	6		N	G40		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	RSPC	CONS	6000	Seminar in Human and Consumer Sciences	Seminar	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	RSPC	CONS	6500	Consumption Theories	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an overview of theories and research in consumer behavior. The class focuses on how and why people engage in choosing, buying, using, and disposing of goods and services in the apparel, textile, hospitality, and tourism industries.								
EHS	RSPC	CONS	6900	Special Topics in Human and Consumer Sciences Education General	Lecture	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	RSPC	CONS	6940	Research	Research	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	RSPC	CONS	6950	Thesis	Thesis	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	RSPC	EQU	1000	Introduction to Equines	Lecture	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.								
EHS	RSPC	EQU	1010	Basic Equine Health Care	Laboratory	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.								
EHS	RSPC	EQU	1010	Basic Equine Health Care	Lecture	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.								
EHS	RSPC	EQU	1020	Basic Horse Handling	Laboratory	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.								
EHS	RSPC	EQU	1020	Basic Horse Handling	Lecture	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.								
EHS	RSPC	EQU	1030	Practical Experience in Equine Facility Management I	Laboratory	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	EQU	1030	Practical Experience in Equine Facility Management I	Lecture	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.								
EHS	RSPC	EQU	1040	Practical Experience in Equine Facility Management II	Laboratory	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.								
EHS	RSPC	EQU	1040	Practical Experience in Equine Facility Management II	Lecture	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.								
EHS	RSPC	EQU	1060	Introduction to Western Riding	Laboratory	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.								
EHS	RSPC	EQU	1061	Introduction to English Riding	Laboratory	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.								
EHS	RSPC	EQU	1062	Equestrian Teaching Techniques	Laboratory	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.								
EHS	RSPC	EQU	1062	Equestrian Teaching Techniques	Lecture	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.								
EHS	RSPC	EQU	1070	Equine Nutrition	Lecture	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.								
EHS	RSPC	EQU	1071	Equine Evaluation and Selection	Lecture	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.								
EHS	RSPC	EQU	1071	Equine Evaluation and Selection	Practicum	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.								
EHS	RSPC	EQU	1080	Equine Health I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course provides an opportunity to compare and contrast healthy and unhealthy equines. Assessments of injured or ill equines allows the students to determine the level of care needed. Opportunities to practice discussing equine health-related information using professional terminology is an important part of the course. Emphasis is placed on preventative strategies for the well-being of the equine.								
EHS	RSPC	EQU	2000	Equine Industry Career and Leadership Development	Lecture	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.								
EHS	RSPC	EQU	2001	Equine Evaluation and Judging	Laboratory	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.								
EHS	RSPC	EQU	2001	Equine Evaluation and Judging	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	EQU	2020	Equine Behavior and Welfare Issues	Lecture	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.								
EHS	RSPC	EQU	2021	Equine Anatomy and Performance	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course emphasizes equine anatomy in function and performance as well as an examination of muscles and bones working together to produce movement. The course focuses on how conditioning programs can improve balance, strength, and fitness.								
EHS	RSPC	EQU	2030	Farm Design and Stable Management	Laboratory	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.								
EHS	RSPC	EQU	2030	Farm Design and Stable Management	Lecture	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.								
EHS	RSPC	EQU	2031	Equine Business Management	Lecture	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.								
EHS	RSPC	EQU	2033	Introduction to Economics for the Equine Business Owner/Manager	Lecture	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.								
EHS	RSPC	EQU	2034	Equine Marketing	Lecture	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.								
EHS	RSPC	EQU	2035	The Modern Equine Industry and the Impact of Technology	Lecture	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.								
EHS	RSPC	EQU	2036	Equine Management	Lecture	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.								
EHS	RSPC	EQU	2037	Equine Business Management	Lecture	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 2031						
		COURSE DESC:		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.								
EHS	RSPC	EQU	2040	Basic Horse Shoeing	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1020						
		COURSE DESC:		Shoeing and balancing of pleasure and performance horses, corrective trimming, hoof health, anatomy of the leg and foot, and blacksmithing as a business.								
EHS	RSPC	EQU	2040	Basic Horse Shoeing	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1020						
		COURSE DESC:		Shoeing and balancing of pleasure and performance horses, corrective trimming, hoof health, anatomy of the leg and foot, and blacksmithing as a business.								
EHS	RSPC	EQU	2041	Comprehensive and Competitive Horse Judging	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1000 and 1071						
		COURSE DESC:		Builds on experiences and knowledge gained in EQU 1071. Application of skills in competitive horse judging activities.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	EQU	2041	Comprehensive and Competitive Horse Judging	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 1000 and 1071								
		COURSE DESC:		Builds on experiences and knowledge gained in EQU 1071. Application of skills in competitive horse judging activities.								
EHS	RSPC	EQU	2042	Horse Show and Event Management	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 2031 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2043								
		COURSE DESC:		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.								
EHS	RSPC	EQU	2042	Horse Show and Event Management	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EQU 2031 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2043								
		COURSE DESC:		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.								
EHS	RSPC	EQU	2043	Equine Event Management	Lecture	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.								
EHS	RSPC	EQU	2050	Ohio University Southern Equestrian Teams	Laboratory	1	6		N	U20		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: (EQU 1060 or 1061) or concurrent PR, F								
		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.								
EHS	RSPC	EQU	2060	Advanced Western Riding	Laboratory	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.								
EHS	RSPC	EQU	2061	Advanced English Riding	Laboratory	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.								
EHS	RSPC	EQU	2062	Equestrian Teaching Techniques Practicum	Laboratory	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.								
EHS	RSPC	EQU	2062	Equestrian Teaching Techniques Practicum	Lecture	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.								
EHS	RSPC	EQU	2063	Evaluating and Training Horses	Laboratory	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.								
EHS	RSPC	EQU	2063	Evaluating and Training Horses	Lecture	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.								
EHS	RSPC	EQU	2071	Equine Anatomy and Physiology	Lecture	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.								
EHS	RSPC	EQU	2072	Equine Lameness and Conditioning	Laboratory	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.								
EHS	RSPC	EQU	2072	Equine Lameness and Conditioning	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	EQU	2073	Equine Reproduction	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1070						
		COURSE DESC:		Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.								
EHS	RSPC	EQU	2073	Equine Reproduction	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1070						
		COURSE DESC:		Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.								
EHS	RSPC	EQU	2074	Equine Veterinary Technology	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1020 and 2071						
		COURSE DESC:		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.								
EHS	RSPC	EQU	2074	Equine Veterinary Technology	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 1010 and 1020 and 2071						
		COURSE DESC:		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.								
EHS	RSPC	EQU	2080	Therapeutic Riding: Overview and Instruction	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course provides an overview of the therapeutic riding and equine assisted learning industry. Students examine industry areas that address industry history, therapeutic types, adaptive equipment, teaching techniques, and the therapeutic team.								
EHS	RSPC	EQU	2081	Administrative Aspects of Therapeutic Riding	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082						
		COURSE DESC:		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.								
EHS	RSPC	EQU	2082	Development and Management of the Equine Non-profit Organization	Lecture	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 2081						
		COURSE DESC:		Students explore the formation and management of an equine non-profit organization. These organizations are formed to solve problems existing within the equine industry.								
EHS	RSPC	EQU	2083	Equine Law	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Study of the basic legal structure affecting equine business operations. Includes the study of laws related to contracts, torts, employment, and taxes.								
EHS	RSPC	EQU	2900	Special Topics in Equine Studies	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	EQU	2910	Equine Internship	Internship	1 to 3	6	BLD	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.								
EHS	RSPC	EQU	2990	Studies in Equine Issues	Ind Study	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.								
EHS	RSPC	EQU	2990	Studies in Equine Issues	Lecture	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.								
EHS	RSPC	PAW	1000	Exercise and Conditioning	Laboratory	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	RSPC	PAW	1001	Aerobic Conditioning	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1002	Circuit Training	Laboratory	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 circuit training. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1003	Weight Training	Laboratory	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	RSPC	PAW	1004	Jogging	Laboratory	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	RSPC	PAW	1005	Yoga	Laboratory	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	RSPC	PAW	1006	Pilates	Laboratory	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	RSPC	PAW	1007	Aerobics	Laboratory	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	RSPC	PAW	1008	Spinning	Laboratory	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	RSPC	PAW	1009	Group Fitness and Exercise	Laboratory	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	RSPC	PAW	1099	Adapted Physical Activity	Laboratory	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	RSPC	PAW	1100	Basketball	Laboratory	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	RSPC	PAW	1101	Lacrosse	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1102	Softball ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 softball. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1103	Fundamentals of Volleyball ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 volleyball. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1104	Ultimate Frisbee ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 ultimate frisbee . Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1105	Broomball ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 broomball. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1106	Ice Hockey ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 ice hockey. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1107	Indoor Soccer ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 indoor soccer. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1108	Soccer ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 soccer. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1109	Flag Football ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 flag football. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1110	Team Handball ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 team handball. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1111	Field Hockey ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 field hockey. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1112	Walleyball ELIGIBLE GRADES: COURSE DESC:	Laboratory	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 walleyball. 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1113	Netball	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
EHS	RSPC	PAW	1114	Jokgu	Laboratory	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	RSPC	PAW	1115	Futsal	Laboratory	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	RSPC	PAW	1116	Spikeball	Laboratory	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	RSPC	PAW	1200	Fundamentals of Racquetball	Laboratory	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	RSPC	PAW	1201	Fundamentals of Tennis	Laboratory	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	RSPC	PAW	1202	Fundamentals of Golf	Laboratory	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	RSPC	PAW	1203	Badminton	Laboratory	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	RSPC	PAW	1205	Cycling	Laboratory	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	RSPC	PAW	1206	Bowling	Laboratory	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	RSPC	PAW	1207	Fundamentals of Handball	Laboratory	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
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1208	Archery	Laboratory	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 archery. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1209	Fundamentals of Ice Skating	Laboratory	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	RSPC	PAW	1210	Fundamentals of Figure Skating	Laboratory	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	RSPC	PAW	1211	Fundamentals of Snow Skiing	Laboratory	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 snow skiing. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1212	Fundamentals of Water Skiing	Laboratory	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 water skiing. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1213	Fundamentals of Karate	Laboratory	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 karate. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1214	Fundamentals of Tae Kwon Do	Laboratory	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 tae kwon do. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1215	Fundamentals of Judo	Laboratory	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 judo. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1216	Fundamentals of Belly Dance	Laboratory	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 belly dancing. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1217	Country Dance	Laboratory	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 country dance. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1218	Social Dance	Laboratory	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 social dance. Students will be graded based on knowledge and participation.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1219	Disc Golf	Laboratory	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	RSPC	PAW	1220	Trail Running	Laboratory	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	RSPC	PAW	1224	Canoeing	Laboratory	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	RSPC	PAW	1225	Fundamentals of Triathlon Training	Laboratory	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	RSPC	PAW	1260	Physical Conditioning I	Laboratory	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	RSPC	PAW	1300	Aqua Aerobics	Laboratory	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	RSPC	PAW	1301	Fundamentals of Swimming	Laboratory	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	RSPC	PAW	1302	Fundamentals Swim Conditioning	Laboratory	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.								
EHS	RSPC	PAW	1401	Fundamentals of Horseback Western Seat	Laboratory	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	RSPC	PAW	1402	Intermediate Horseback Western Seat	Laboratory	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	RSPC	PAW	1403	Advanced Horseback Western Seat	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	1410	Fundamentals of Horseback Hunt Seat	Laboratory	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 hunt seat horseback riding. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	1411	Intermediate Horseback Hunt Seat	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1410								
		COURSE DESC:		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	RSPC	PAW	1412	Advanced Horseback Hunt Seat	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1411								
		COURSE DESC:		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	RSPC	PAW	1431	Horseback Jumping	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1403								
		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	RSPC	PAW	2103	Intermediate Volleyball	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1103								
		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	RSPC	PAW	2180	Life Guard Training	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Principles and practices of life saving for American Red Cross certification.								
EHS	RSPC	PAW	2180	Life Guard Training	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Principles and practices of life saving for American Red Cross certification.								
EHS	RSPC	PAW	2200	Water Safety for Instructors	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Includes analysis of swimming and teaching practices.								
EHS	RSPC	PAW	2200	Water Safety for Instructors	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Includes analysis of swimming and teaching practices.								
EHS	RSPC	PAW	2201	Intermediate Tennis	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1201								
		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 tennis. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2202	Intermediate Golf	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1202								
		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 golf. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2204	Intermediate Indoor Rock Climbing	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1204								
		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 indoor rock climbing. 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	2209	Intermediate Ice Skating	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1209								
		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 ice skating. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2210	Intermediate Figure Skating	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1210								
		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 figure skating. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2211	Intermediate Snow Skiing	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1211								
		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 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	RSPC	PAW	2212	Intermediate Waterskiing	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1212								
		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 water skiing. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2213	Intermediate Karate	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1213								
		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 karate. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2214	Intermediate Tae Kwon Do	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1214								
		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 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	RSPC	PAW	2215	Intermediate Judo	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1215								
		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 judo. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2216	Intermediate Belly Dance	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1216								
		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, history, safety, and etiquette of intermediate belly dancing. Students will be graded based on knowledge and participation.								
EHS	RSPC	PAW	2217	Intermediate Racquetball	Laboratory	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	RSPC	PAW	2225	Intermediate Triathlon Training	Laboratory	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	RSPC	PAW	2301	Intermediate Swimming	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PAW	2302	Intermediate Swim Conditioning	Laboratory	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	RSPC	PAW	2801	Advanced Swimming	Laboratory	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	RSPC	PAW	2900	Special Topics in Physical Education Activity	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	PAW	3800	Life Guard Training Instructor	Laboratory	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	RSPC	PAW	3800	Life Guard Training Instructor	Lecture	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	RSPC	PAW	4900	Special Topics in Physical Education and Sport Science	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	PAW	4XXL	4000 LEVEL ELECTIVE	Lecture	1 to 999	999		N			0
		ELIGIBLE GRADES:		Transfer REQUISITE: Grading Basis								
		COURSE DESC:										
EHS	RSPC	PETE	1260	Skill and Fitness for Coaches and Physical Educators	Laboratory	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	RSPC	PETE	1260	Skill and Fitness for Coaches and Physical Educators	Lecture	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	RSPC	PETE	2000	Cultural Perspectives and Physical Activity	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		PETE 2000 examines the interrelationship between culture and physical activity. This course explicitly examines how people embody components of cultural identities (e.g., age, gender, race, ethnicity, social status, & geographical location) into their cultural values and beliefs, impacting physical activity and sports participation. Students have the opportunity to gather information and talk about different cultures and physical activity and their role and meaning in their own lives and the wider community.								
EHS	RSPC	PETE	2020	Introduction to Physical Education/Teacher Education	Laboratory	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	RSPC	PETE	2020	Introduction to Physical Education/Teacher Education	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PETE	2100	Physical Activity and Sport Leadership	Lecture	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	RSPC	PETE	2330	Inclusive Physical Activity and Sport for Individuals with Disabilities	Laboratory	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	RSPC	PETE	2330	Inclusive Physical Activity and Sport for Individuals with Disabilities	Lecture	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	RSPC	PETE	2400	Foundations of Sport and Games in Physical Education I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	RSPC	PETE	2400	Foundations of Sport and Games in Physical Education I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	RSPC	PETE	2401	Foundations of Sport and Games in Physical Education II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.								
EHS	RSPC	PETE	2401	Foundations of Sport and Games in Physical Education II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.								
EHS	RSPC	PETE	2700	Teaching of Physical Education	Laboratory	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.								
EHS	RSPC	PETE	2700	Teaching of Physical Education	Lecture	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.								
EHS	RSPC	PETE	2900	Special Topics in Physical Education Teacher Education	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
EHS	RSPC	PETE	3090	Tests and Measurements	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course aims to prepare teacher candidates to be able to describe basic statistical procedures and effectively assess student achievement and performance in the psychomotor, cognitive and affective domains in physical education. This course offers current methods and activities for assessment in physical education.								
EHS	RSPC	PETE	3090	Tests and Measurements	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course aims to prepare teacher candidates to be able to describe basic statistical procedures and effectively assess student achievement and performance in the psychomotor, cognitive and affective domains in physical education. This course offers current methods and activities for assessment in physical education.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PETE	3100	Principles, Theories and Methods of Teaching Early Childhood Physical Education	Laboratory	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (PETE 2330)								
		COURSE DESC:		This course is designed to refine the teaching methodology of pre-service teachers in physical education at the early childhood and elementary level. 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. Pre-service teachers analyze teaching effectiveness through reflective practices and clinical evaluations.								
EHS	RSPC	PETE	3100	Principles, Theories and Methods of Teaching Early Childhood Physical Education	Lecture	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (PETE 2330)								
		COURSE DESC:		This course is designed to refine the teaching methodology of pre-service teachers in physical education at the early childhood and elementary level. 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. Pre-service teachers analyze teaching effectiveness through reflective practices and clinical evaluations.								
EHS	RSPC	PETE	3400	Design and Application of Movement through Games	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PETE 1260								
		COURSE DESC:		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	RSPC	PETE	3401	Techniques and Tactics of Sport	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PETE 1260								
		COURSE DESC:		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.								
EHS	RSPC	PETE	3700	Methods of Teaching Adolescent and Young Adult Physical Education & Health	Laboratory	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in PETE 2330. Take concurrently with EDSE 3500.								
		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.								
EHS	RSPC	PETE	3700	Methods of Teaching Adolescent and Young Adult Physical Education & Health	Lecture	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in PETE 2330. Take concurrently with EDSE 3500.								
		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.								
EHS	RSPC	PETE	4000	Curriculum and Instruction for Physical Education and Health Education	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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.								
EHS	RSPC	PETE	4050	Motor Learning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance.								
EHS	RSPC	PETE	4600	Principles, Theories and Methods of Teaching Physical Education	Field	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PETE 3401								
		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.								
EHS	RSPC	PETE	4600	Principles, Theories and Methods of Teaching Physical Education	Laboratory	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PETE 3401								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	PETE	4600	Principles, Theories and Methods of Teaching Physical Education GEC1: A-F REQUISITE: PETE 3401 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.	Lecture	5	0		N	U30		0
EHS	RSPC	PETE	4900	Special Topics in Physical Education Teacher Education GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
EHS	RSPC	PETE	4910	Internship in Physical Activity and Sport Coaching GEC5: CR, REQUISITE: Sr and Physical Activity and Sport Coaching major and PETE 4960 concurrent PR, F 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).	Internship	12	0	BLD	N	U30		0
EHS	RSPC	PETE	4960	Physical Activity and Sport Coaching Seminar 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).	Seminar	3	0		N	U30		0
EHS	RSPC	REC	1000	Fundamentals of Backpacking GEC1: A-F REQUISITE: COURSE DESC: Introduces students to the knowledge and skills needed to safely and enjoyably participate in overnight backpacking experiences. Topics include trip planning, equipment selection and use, nutrition and meal planning, navigation and travel techniques, campsite selection, water treatment, cooking, human waste disposal, environmental ethics, safety and risk management, and the benefits of backpacking.	Laboratory	1	0	BLD	N	U10		50
EHS	RSPC	REC	1005	Winter Camping and Backpacking GEC1: A-F REQUISITE: COURSE DESC: Introduces students to the knowledge and skills needed to safely and enjoyably participate in winter camping and backpacking experiences. Topics include trip planning, equipment selection and use, nutrition and meal planning, thermoregulation, navigation and travel techniques, campsite selection, water treatment, cooking, human waste disposal, environmental ethics, safety and risk management, and the benefits of winter camping and backpacking.	Laboratory	1	0	BLD	N	U30		0
EHS	RSPC	REC	1010	Wilderness Navigation GEC1: A-F REQUISITE: COURSE DESC: Introduces students to basic knowledge and techniques used in land navigation. Students gain hands-on experience as they learn knowledge and skills that address map folding, map interpretation, parts of a compass, declination, route finding, and triangulation. The knowledge and skills practiced in this course prepares students to safely navigate during future outdoor and backcountry excursions.	Laboratory	1	0	BLD	N	U10		50
EHS	RSPC	REC	1030	Wilderness Survival GEC1: A-F REQUISITE: 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 have gained.	Laboratory	1	0	BLD	N	U10		50
EHS	RSPC	REC	1060	Hunter Education 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.	Laboratory	1	0		N	U10		0
EHS	RSPC	REC	1080	Fundamentals of Rock Climbing 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. Students gain hands-on experience as they master relevant climbing knots, practice basic climbing movement, learn proper belaying technique, and apply the fundamentals of setting up top rope anchors. As students engage in the sport of rock climbing, they learn how to evaluate key environmental considerations to minimize impacts while climbing.	Laboratory	1	0	BLD	N	U10		50
EHS	RSPC	REC	1081	Sport Rock Climbing 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.	Laboratory	1	0		N	U10		50

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	1082	Traditional Rock Climbing	Laboratory	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.								
EHS	RSPC	REC	1083	Rock Climbing Rescue	Laboratory	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1080 and 1081 and 1082								
		COURSE DESC:		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	RSPC	REC	1100	Fundamentals of Fishing	Laboratory	1	0	BLD	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably participate in fishing as a recreational activity.								
EHS	RSPC	REC	1110	Cross Country Snow Skiing	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Teaches students the knowledge and skills to safely and enjoyably participate in the sport of cross-country snow skiing.								
EHS	RSPC	REC	1130	Fundamentals of Canoeing	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably canoe on gentle rivers, lakes, and other calm protected flatwater settings.								
EHS	RSPC	REC	1131	Whitewater Canoeing	Laboratory	1	0	BLD	N	U30		0
		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 whitewater canoeing.								
EHS	RSPC	REC	1132	Canoe Touring	Laboratory	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	RSPC	REC	1132	Canoe Touring	Lecture	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	RSPC	REC	1140	Fundamentals of River Kayaking	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably kayak on gentle rivers.								
EHS	RSPC	REC	1141	Whitewater Kayaking	Laboratory	1	0	BLD	N	U30		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 whitewater kayaking.								
EHS	RSPC	REC	1142	Coastal Kayaking	Laboratory	1	0	BLD	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably kayak on lakes, calm protected coastal environments, and other flatwater settings.								
EHS	RSPC	REC	1143	Kayak Touring	Laboratory	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		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	RSPC	REC	1150	Whitewater Rafting	Laboratory	1	0	BLD	N	U30		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 whitewater rafting.								
EHS	RSPC	REC	1160	Stand Up Paddleboarding	Laboratory	1	0	BLD	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably stand up paddleboard on gentle rivers, lakes, and other flatwater settings.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	1180	Sailing	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
EHS	RSPC	REC	1190	Caving	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
EHS	RSPC	REC	1200	Mountain Biking	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
EHS	RSPC	REC	1201	Intermediate Mountain Biking	Laboratory	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	RSPC	REC	1202	Advanced Mountain Biking	Laboratory	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	RSPC	REC	1220	Scuba Diver	Laboratory	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	RSPC	REC	1220	Scuba Diver	Lecture	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	RSPC	REC	1221	Advanced Scuba Diver	Laboratory	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	RSPC	REC	1221	Advanced Scuba Diver	Lecture	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	RSPC	REC	1222	Scuba Rescue Diver	Laboratory	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	RSPC	REC	1250	Adventure Challenge Course	Laboratory	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	RSPC	REC	1920	Adventure Experience Practicum for Incoming First Year Students	Practicum	1 to 6	999	BLD	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	RSPC	REC	2010	Introduction to Parks, Recreation & Leisure	Lecture	3	0	2SS; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Provides a broad understanding of the value of recreation and leisure in society. Emphasis is placed on the role of recreation and leisure in promoting health and wellbeing in individuals as well as nurturing and maintaining vibrant communities. Topics include historical and theoretical perspectives of the value of recreation and leisure in society, the diversity of recreation and leisure pursuits across cultural contexts, the nature of recreation and leisure throughout the lifespan, the use of recreational sports in facilitating positive youth development, the role of recreation and leisure in promoting community development, and the scope of the parks, recreation, and leisure services industry.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	2150	Outdoor Recreation and Education	Lecture	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	RSPC	REC	2750	Inclusive Recreation	Lecture	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	RSPC	REC	2900	Special Topics in Recreation	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
EHS	RSPC	REC	3050	Recreation Areas and Facilities Management	Lecture	3	0		N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to the principles and practices of recreation areas and facilities management. The course focuses on a wide range of recreation areas and facilities, including open spaces and natural areas, municipal parks and playgrounds, amusement parks, aquatics facilities, fitness centers, and others. Students participate in site visits to various recreation areas and facilities as a means of seeing the principles and practices of recreation areas and facilities management in action.								
EHS	RSPC	REC	3100	Recreation Programming	Lecture	3	0		N	U30		65
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to principles and practices involved in designing, implementing, and evaluating recreation and leisure experiences offered through a variety of government, commercial and not-for-profit agencies and organizations.								
EHS	RSPC	REC	3110	Expedition Planning & Management	Lecture	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	RSPC	REC	3120	Wilderness First Responder	Laboratory	3	0		N	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 to apply 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	RSPC	REC	3120	Wilderness First Responder	Lecture	3	0		N	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 to apply 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	RSPC	REC	3150	Administration of Aquatic Facilities	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on administration of aquatics facilities. Students are introduced to the mechanical functions of aquatic facilities, management and oversight of aquatics facilities, and aquatics program and special event operations. The course is designed to prepare students for employment opportunities in public and semi-public recreation pools and water park facilities. Students who successfully complete this course earn professional certification as an Aquatic Facility Operator through the National Recreation and Park Association.								
EHS	RSPC	REC	3200	Challenge Course Programming	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 2150						
		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	RSPC	REC	3210	Canoe Instructor Certification	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		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, padding proficiency, technical knowledge and teaching competency.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	3220	Whitewater Kayak Instructor Certification	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		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 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	RSPC	REC	3230	Swift Water Rescue	Laboratory	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 1150 or 1131 or 1141						
		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	RSPC	REC	3240	Outdoor Leadership	Laboratory	9	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		This course is an intensive 25-to-30-day, field-based course designed to teach students the knowledge, skills, and dispositions required for effective outdoor leadership. The course helps students refine basic wilderness living skills and develop expertise in specialized modes of wilderness travel. Students develop leadership and teaching skills needed to facilitate safe, enjoyable, and environmentally responsible wilderness-based programs.								
EHS	RSPC	REC	3250	Master Scuba Diver	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 1221						
		COURSE DESC:		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	RSPC	REC	3250	Master Scuba Diver	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 1221						
		COURSE DESC:		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	RSPC	REC	3270	Coastal Kayak Instructor Certification	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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	RSPC	REC	3400	Environmental Interpretation	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 2150						
		COURSE DESC:		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	RSPC	REC	3460	Parks & Protected Areas Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Provides students with an understanding of the principles and practices of parks and protected areas management.								
EHS	RSPC	REC	3490	Recreation Administration	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 2010 and 2150 and 2750						
		COURSE DESC:		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	RSPC	REC	3550	Principles of Ecotourism	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	RSPC	REC	3620	Convention and Event Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(REC 2010 or RHT 1100) and WARNING: Not COMS 4050 or RHT 3620						
		COURSE DESC:		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	3630	Festival and Special Event Operations for Parks, Recreation, and Leisure Services ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REC 3630/5630 provides a comprehensive overview of festival and special event operations within parks, recreation, and leisure service organizations. The course examines festival and special event design, venue identification, funding development, volunteer management, community partnerships, site planning, and other operational concepts related to festivals and special events within parks, recreation, and leisure service agencies.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	3700J	Writing for Recreation Studies ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Allows the student to practice the writing process while investigating current issues and trends in the recreation and leisure field.	Lecture	3	0	1J; FAW	N	U30		0
EHS	RSPC	REC	3930	Independent Study ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Student chooses a topic of special interest with the assistance of a faculty member.	Ind Study	1 to 5	5		I	U30		0
EHS	RSPC	REC	4210	Principles of Aging, Physical Activity, and Recreation ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Designed to assist students in understanding the cultural characteristics of the over 65 population with specific application towards physical activity and recreation. The course discusses the aging process, strategies to keep the older person involved in physical activities and recreation, and the benefits of lifetime physical activity. Students apply knowledge to assess their own lifestyle and its impact towards their successful aging.	Lecture	3	0	BDP	N	U30		0
EHS	RSPC	REC	4220	Culture and Diversity in Recreation and Leisure ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	4430	Marketing for Recreation and Leisure Services ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Application of marketing principles and concepts for the recreation and leisure services industry.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	4450	Research and Evaluation Methods in Parks, Recreation & Leisure Studies ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	4550	Administration of Aquatic Facilities ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	2	0		N	U30		0
EHS	RSPC	REC	4560	Ecotourism Destinations ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	4570	Adventure Travel as a Social Enterprise ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REC 4570/5570 aims to expose students to the adventure travel industry as part of a short-term study abroad experience. Each year, millions of people seek out adventure travel experiences as a means of satisfying their need to explore the planet and to interact with the many people and cultures within it. This course examines the way in which certain commercial operators have transformed adventure travel into a social enterprise that maximizes improvements in social and environmental well-being. Students gain a unique perspective for social entrepreneurship and its application within adventure travel. The course considers how social value creation can align with economic value generation, and unpacks the specific business strategies certain adventure travel operators employ to ensure that host communities touched by adventure travel benefit from the opportunities it provides.	Lecture	3	0		N	U30		0
EHS	RSPC	REC	4600	Concepts and Issues in Parks, Recreation, and Leisure Studies ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This course provides students with an opportunity to critically examine a broad range concepts and issues central to the field of parks, recreation, and leisure studies. The purpose is to engage students in consideration of key issues and dilemmas that are currently prevalent in the field and to consider ways that the field can help address issues of broad societal concern.	Lecture	3	0	3; CAP	N	U30		60

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	4630	Fundraising and Sponsorship Development for Parks, Recreation, and Leisure Services	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course offers students a comprehensive overview of fundraising and sponsorship development for non-profit and public sector organizations within parks, recreation, and leisure. The course provides an in-depth examination of funding sources that include, but are not limited to, grants, major gifts, annual giving plans, corporate giving, sponsorships, and donors.								
EHS	RSPC	REC	4740	Facilitating the Adventure Experience	Lecture	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	RSPC	REC	4800	Wilderness Literature	Seminar	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	RSPC	REC	4850	Concepts & Issues in Adventure Programming	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 2150 and Sr.								
		COURSE DESC:		This course provides students with an opportunity to critically examine a broad range of concepts and issues central to the field of adventure programming. The purpose is to engage students in central debates occurring in the field and to consider ways that the field can help address issues of broad societal concern. Students are also encouraged to consider ways that they can address these issues as practitioners and leaders in the field.								
EHS	RSPC	REC	4900	Special Topics in Recreation	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	RSPC	REC	4910	Internship in Recreation	Internship	12	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Supervised professional field work experiences in approved program of recreation.								
EHS	RSPC	REC	4920	Practicum in Recreation and Leisure	Practicum	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		Provides the recreation major or professional unique practical experiences related to the discipline of recreation and leisure studies.								
EHS	RSPC	REC	5210	Principles of Aging, Physical Activity, and Recreation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to assist students in understanding the cultural characteristics of the over 65 population with specific application towards physical activity and recreation. The course discusses the aging process, strategies to keep the older person involved in physical activities and recreation, and the benefits of lifetime physical activity. Students apply knowledge to assess their own lifestyle and its impact towards their successful aging.								
EHS	RSPC	REC	5220	Culture and Diversity in Recreation and Leisure	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
EHS	RSPC	REC	5240	Outdoor Leadership	Laboratory	9	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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.								
EHS	RSPC	REC	5330	Event Planning in Recreation and Leisure Services	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Provides students with an opportunity for integrating classroom learning with the practice of event planning in recreational settings.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	5400	Environmental Interpretation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
EHS	RSPC	REC	5430	Marketing for Recreation & Leisure Services	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Application of marketing principles and concepts for the recreation and leisure services industry.								
EHS	RSPC	REC	5460	Parks & Protected Areas Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Provides students with an understanding of the principles and practices of parks and protected areas management.								
EHS	RSPC	REC	5550	Principles of Ecotourism	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	RSPC	REC	5560	Ecotourism Destinations	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	RSPC	REC	5570	Adventure Travel as a Social Enterprise	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 4570/5570 aims to expose students to the adventure travel industry as part of a short-term study abroad experience. Each year, millions of people seek out adventure travel experiences as a means of satisfying their need to explore the planet and to interact with the many people and cultures within it. This course examines the way in which certain commercial operators have transformed adventure travel into a social enterprise that maximizes improvements in social and environmental well-being. Students gain a unique perspective for social entrepreneurship and its application within adventure travel. The course considers how social value creation can align with economic value generation, and unpacks the specific business strategies certain adventure travel operators employ to ensure that host communities touched by adventure travel benefit from the opportunities it provides.								
EHS	RSPC	REC	5620	Convention & Event Planning	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: not REC 5330 or RHT 5620 Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.								
EHS	RSPC	REC	5630	Festival and Special Event Operations for Parks, Recreation, and Leisure Services	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 3630/5630 provides a comprehensive overview of festival and special event operations within parks, recreation, and leisure service organizations. The course examines festival and special event design, venue identification, funding development, volunteer management, community partnerships, site planning, and other operational concepts related to festivals and special events within parks, recreation, and leisure service agencies.								
EHS	RSPC	REC	5740	Facilitating the Adventure Experience	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	RSPC	REC	5800	Wilderness Literature	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	RSPC	REC	5850	Concepts & Issues in Adventure Programming	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course provides students with an opportunity to critically examine a broad range of concepts and issues central to the field of adventure programming. The purpose is to engage students in central debates occurring in the field and to consider ways that the field can help address issues of broad societal concern. Students are also encouraged to consider ways that they can address these issues as practitioners and leaders in the field.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	5900	Special Topics in Recreation	Lecture	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	RSPC	REC	5901	Instructional Experience	Clinical	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Supervised practice in organizing and teaching activities in college and recreational settings.								
EHS	RSPC	REC	6010	Trends and Global Issues in Recreation and Leisure	Lecture	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	RSPC	REC	6011	Finance and Marketing in Recreation and Leisure Services	Lecture	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	RSPC	REC	6020	Social Foundations of Recreation and Leisure	Seminar	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	RSPC	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	Laboratory	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	RSPC	REC	6080	Research Methods and Statistical Applications in Recreation and Leisure	Lecture	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	RSPC	REC	6170	Leisure and Sport in Society	Lecture	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	RSPC	REC	6490	Administration of Recreation and Leisure Services	Lecture	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	RSPC	REC	6700	Advanced Issues in Campus Recreation	Lecture	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	RSPC	REC	6800	Philosophy of Experiential Education	Seminar	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	RSPC	REC	6900	Special Topics in Recreation	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	REC	6920	Practicum	Practicum	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE: Permission required							
		COURSE DESC:		Supervised work experience in various recreation settings.								
EHS	RSPC	REC	6930	Guided Independent Study	Ind Study	1 to 6	12		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.								
EHS	RSPC	REC	6932	Special Problems	Ind Study	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.								
EHS	RSPC	REC	6940	Research Dynamics: Planning and Implementation of the Research Process	Research	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		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	RSPC	REC	6941	Research Seminar in Recreation and Leisure	Research	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		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	RSPC	REC	6950	Thesis	Thesis	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Thesis projects.								
EHS	RSPC	RFM	1010	Introduction to Retailing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course combines theoretical concepts with practical applications from a strategic managerial perspective. Lecture and discussion provide the primary basis for developing materials in class. Lectures supplement and expand upon concepts presented in the text. Current events are explored to provide students with the opportunity to integrate course material with actual business operations within the retail industry.								
EHS	RSPC	RFM	1100	Fashion and Culture	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course considers the factors that influence consumer adoption of fashion. Emphasis is placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.								
EHS	RSPC	RFM	1500	Design and Illustration Techniques	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers design and illustration techniques in relation to stylization and customer profiling in fashion. A variety of media are introduced for visually communicating through a variety of presentation formats.								
EHS	RSPC	RFM	1500	Design and Illustration Techniques	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers design and illustration techniques in relation to stylization and customer profiling in fashion. A variety of media are introduced for visually communicating through a variety of presentation formats.								
EHS	RSPC	RFM	1600	Color Theory for Visual Merchandising	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on the characteristics, relationships, and theories of color based on major color systems. Course emphasis is placed on applications of color for visual merchandising and product development in the fashion industry.								
EHS	RSPC	RFM	1600	Color Theory for Visual Merchandising	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on the characteristics, relationships, and theories of color based on major color systems. Course emphasis is placed on applications of color for visual merchandising and product development in the fashion industry.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	RFM	2040	Digital Means of Fashion Communication	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM major								
				This course surveys diverse methods of digital fashion presentation. A particular emphasis is placed on industry standard graphic software and the world wide web. Students develop their capabilities in digital communication and graphic software to prepare careers in the fashion and retail industries.								
EHS	RSPC	RFM	2040	Digital Means of Fashion Communication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM major								
				This course surveys diverse methods of digital fashion presentation. A particular emphasis is placed on industry standard graphic software and the world wide web. Students develop their capabilities in digital communication and graphic software to prepare careers in the fashion and retail industries.								
EHS	RSPC	RFM	2100	Evolution of Clothing and Fashion Trends	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course covers notable influences that impact the evolution of clothing and textiles throughout the ages with a focus on historical fashion in Western societies and how it ties into the trends occurring in apparel items in mass market production today. The course provides an understanding of why having in-depth knowledge of historical fashion trends is crucial to the success of fashion in its future.								
EHS	RSPC	RFM	2150	Elementary Textiles	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr)								
				This course covers the properties and processing of fibers, yarns, fabrics, dyeing/printing techniques, and finishes with emphasis on consumer use and care.								
EHS	RSPC	RFM	2150	Elementary Textiles	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr)								
				This course covers the properties and processing of fibers, yarns, fabrics, dyeing/printing techniques, and finishes with emphasis on consumer use and care.								
EHS	RSPC	RFM	2600	Foundations of Aesthetics in Retail and Fashion Merchandizing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on the characteristics, relationships, and theories of color and design based on principles and theories regarding retail and merchandising. Course emphasis is placed on applications of color in retail/fashion, visual merchandising, and the retail environment in the fashion industry. A variety of art media are introduced as methods for visually communicating through various presentation formats. Creativity, originality, and the conception process are emphasized through course projects.								
EHS	RSPC	RFM	2890	Professional Career Search Strategies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM 1010								
				This course provides an 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	RSPC	RFM	2910	Work Experience in Retail and Fashion Merchandizing	Internship	1	3	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: RFM major and RFM 1010								
				PR								
				Students seek and complete a field work experience in the retail and fashion merchandising 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. Students must be enrolled in the class while completing on-site work hours.								
EHS	RSPC	RFM	3230	Retail Merchandising- Promotional Strategy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM 1010 and 2600								
				This course provides an overview and understanding of the social psychological communication governing the design and organization of both producer and consumer buying and selling space. Emphasis is 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.								
EHS	RSPC	RFM	3300	Fashion Buying and Assortment Planning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM 1010 and (MIS 2011 or QBA 1720 or 1721) and (ACCT 1005 or 1010)								
				This course covers retail merchandising and management principles related to buying and controlling fashion merchandise. Emphasis is placed on store inventory management, profit generation, planning, buying, and controlling merchandise assortments. Retail mathematics problems are included and advanced use of spreadsheets is incorporated into course content.								
EHS	RSPC	RFM	3400	Retail Study Tour	Seminar	1 to 3	999	BLD	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	RSPC	RFM	3830	Product Development, Evaluation, and Distribution	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: RFM 1010 and 2150								
				This course covers the apparel product development process with emphasis on business, creative, technical and production planning of an apparel product line.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	RFM	4070	Global Issues in Textile, Apparel, and Retail Industries	Lecture	3	0	BLD	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: ECON 1000, RFPD 1010 and (Jr or Sr) COURSE DESC: This course covers economic factors influencing retail merchandising and fashion product development industries in depth. The influence of international trade and changing technologies are addressed.								
EHS	RSPC	RFM	4070A	Honors Experience: Global Issues in Textile, Apparel, and Retail Industries	Ind Study	0	0		N	U30		0
				ELIGIBLE GRADES: GEC7: CR, F, REQUISITE: RFPD 4070 concurrent and student in the OHIO Honors program COURSE DESC: OHIO Honors curricular experience in Global Issues in Textile, Apparel, and Retail Industries.								
EHS	RSPC	RFM	4800	Strategic Retail Policy	Lecture	3	0	3; CAP	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RFM 2910, RFM major, and Senior COURSE DESC: This 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 and skills forged in the Retail Merchandising and Fashion Product Development program in policy analysis, with the perspective of ethical decision making emphasized.								
EHS	RSPC	RFM	4900	Special Topics in Retail Fashion Merchandising	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.								
EHS	RSPC	RFM	4910	Internship: Retail and Fashion Merchandising	Internship	3 to 12	0	BLD	N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: (RFM 2890, 3230 and 3300) and (Jr or Sr) PR COURSE DESC: This internship course is taken at the same time that on-the-job experience in the fashion industry is being completed. This course includes cooperation with fashion industry, retail and fashion merchandising establishments through communication among the student, the instructor and the workplace supervisor. Students complete assignments specific to the responsibilities they have on the job in order to gain experience and knowledge of the fashion industry. Students enroll in 3 (100), 6 (200), 9 (300), or 12 (400) credit hours, with the minimum number of work hours commensurate as noted in parentheses. Students must be enrolled in the class during the time that they engage in on-site work.								
EHS	RSPC	RFM	4930	Independent Study - Retail Merchandising and Fashion Product Development	Ind Study	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	RSPC	RFM	5070	Global Issues in Textile, Apparel, and Retail Industries	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: This course covers economic factors influencing retail merchandising and fashion product development industries in depth. The influence of international trade and changing technologies are addressed.								
EHS	RSPC	RFM	6170	Readings in Apparel, Textiles and Merchandising	Seminar	1 to 4	4		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR COURSE DESC: Analysis and interpretation of current writings and research with emphasis on new developments and trends.								
EHS	RSPC	RHT	1050	Introduction to Food Operations Management	Lecture	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	RSPC	RHT	1100	Introduction to Hospitality	Lecture	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	RSPC	RHT	1200	Food and Culture	Lecture	3	0	2CP; FIE	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Students investigate what and how people eat as geography and history shape the food patterns and cultures of countries and regions throughout the world. Students explore the diverse populations and connect the heritage and belief systems of communities with foods and cultural practices. Students analyze food related social and health issues that impact populations and values.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	RHT	1330	Food Sanitation and Safety	Lecture	1	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: 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	RSPC	RHT	2420	Accounting Principles for Hospitality Operations	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: MATH 1200 or higher or Math Placement Level 1 or higher Examination and application of managerial and financial accounting principles for the hospitality operations.								
EHS	RSPC	RHT	2900	Special Topics in Restaurant, Hotel and Tourism	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Specific course content will vary with offering.								
EHS	RSPC	RHT	2990	Introductory Food Preparation	Laboratory	4	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: REQUISITE: Permission required and C or better in RHT 1330 Introduction to Food Preparation.								
EHS	RSPC	RHT	2990	Introductory Food Preparation	Lecture	4	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: REQUISITE: Permission required and C or better in RHT 1330 Introduction to Food Preparation.								
EHS	RSPC	RHT	3340	Introduction Food Production: Hospitality	Laboratory	3	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: Permission required and C or better in RHT 2990 and (NUTR 3300 or concurrent) 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	RSPC	RHT	3350	Food Service Purchasing	Lecture	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	RSPC	RHT	3400	Hospitality Study Tour	Seminar	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	RSPC	RHT	3410	Principles of Tourism	Lecture	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	RSPC	RHT	3600	Catering for the Hospitality Industry	Laboratory	3	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Permission required and RHT 3340 Course description not available.								
EHS	RSPC	RHT	3600	Catering for the Hospitality Industry	Lecture	3	0		I	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Permission required and RHT 3340 Course description not available.								
EHS	RSPC	RHT	3610	Hotel Operations	Lecture	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	RSPC	RHT	3620	Convention and Event Planning	Laboratory	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: MKT 2020 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	RSPC	RHT	3620	Convention and Event Planning	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: MKT 2020 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	RHT	3700	Introduction to Casino Management	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 1200 and RHT 1100 and (Jr or Sr)								
				COURSE DESC: 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	RSPC	RHT	3890	Career Development for Hospitality and Tourism Professionals	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 1100								
				COURSE DESC: This course serves as an opportunity for in-depth study of career opportunities and job responsibilities in the hospitality and tourism industry. Ongoing professional development activities such as certifications, workshops, and conferences in the profession are addressed. Leadership characteristics and role models are analyzed. Trends and best practices in preparation of industry leaders are also examined.								
EHS	RSPC	RHT	4000	Hospitality Senior Seminar	Lecture	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	RSPC	RHT	4390	Restaurant Operations	Laboratory	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 2420								
				COURSE DESC: This course is a restaurant management course that provides students the unique opportunity to study operations and management of full-service restaurants. Students apply organizational and managerial skills in the operation of a restaurant facility.								
EHS	RSPC	RHT	4390	Restaurant Operations	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 2420								
				COURSE DESC: This course is a restaurant management course that provides students the unique opportunity to study operations and management of full-service restaurants. Students apply organizational and managerial skills in the operation of a restaurant facility.								
EHS	RSPC	RHT	4400	Beverage Management	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 2420								
				COURSE DESC: This course focuses on the study of beverage service in the hospitality industry including spirits, wines, beers and non-alcoholic beverages. Topics include: purchasing, resource control, legislation, physical plant requirements, and the selection of beverages.								
EHS	RSPC	RHT	4430	Marketing for Hospitality and Tourism	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: MKT 2020								
				COURSE DESC: Application of marketing principles and concepts for the hospitality and tourism industry.								
EHS	RSPC	RHT	4700	Casino Management II	Lecture	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	RSPC	RHT	4750	Casino Marketing Operations	Lecture	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	RSPC	RHT	4850	Advanced Hospitality, Tourism and Events Management	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: RHT 3610								
				COURSE DESC: Utilize managerial skills and techniques with planning, organizing, directing and controlling a hospitality and tourism operation. Emphasis is placed on utilizing effective management skills to create a high quality, profitable operation with well-planned systems and highly motivated, organized employees.								
EHS	RSPC	RHT	4900	Special Topics in Restaurant, Hotel and Tourism	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR								
				COURSE DESC: Specific course content will vary with offering.								
EHS	RSPC	RHT	4920	Hospitality Practicum	Practicum	6 to 12	12	BLD	N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Jr or Sr								
				COURSE DESC: On-the-job experience through cooperation with industry entities in restaurant, hotel and tourism.								

**MASTER CURRICULUM FILE
COURSE LISTING
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EHS	RSPC	RHT	4930	Independent Study in Hospitality	Ind Study	2 to 5	6		I	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5330	Food Sanitation and Safety	Lecture	1	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5340	Introduction Food Production: Hospitality	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5350	Food Service Purchasing	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5370	Food Service Systems I	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5380	Food Service Systems II	Lecture	3	0		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5390	Restaurant Operations	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5390	Restaurant Operations	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5400	Hospitality Study Tour	Seminar	1 to 3	6		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5410	Principles of Tourism	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5420	Accounting for Hospitality Operations	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5430	Marketing for Hospitality and Tourism	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5440	Beverage Management	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	RSPC	RHT	5610	Hotel Operations	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	RHT	5620	Convention and Event Planning	Laboratory	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	RSPC	RHT	5620	Convention and Event Planning	Lecture	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	RSPC	RHT	5850	Advanced Hospitality, Tourism and Events Management	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Utilize managerial skills and techniques with planning, organizing, directing and controlling a hospitality and tourism operation. Emphasis is placed on utilizing effective management skills to create a high quality, profitable operation with well-planned systems and highly motivated, organized employees.								
EHS	RSPC	RHT	5900	Special Topics in Restaurant, Hotel and Tourism	Lecture	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR								
				COURSE DESC: Specific course content will vary with offering.								
EHS	RSPC	RHT	5930	Independent Study in Hospitality	Ind Study	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	RSPC	RHT	6090	Strategic Management for Hospitality and Tourism	Lecture	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	RSPC	RHT	6900	Special Topics in Restaurant, Hotel and Tourism	Lecture	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR								
				COURSE DESC: Specific course content will vary with offering.								
EHS	RSPC	RHT	6940	Research in Hospitality	Research	2 to 4	5		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: Independent investigation in hospitality. Permission required								
EHS	RSPC	RSP	4100	Professional Development Seminar	Seminar	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: This course emphasizes the importance of professional development in the field of recreation and sport pedagogy. The course provides students with understanding of their responsibilities in continually developing and maintaining professional competency as practitioners in the field. Additionally, the course provides students with guidance in developing professional portfolios as a means for reflecting on their own professional growth and development, synthesizing their learning over the course of their studies in their programs, and portraying their level of professional competency in their fields.								
EHS	RSPC	SLS	2000	Sport and Physical Activity Skill Development	Laboratory	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
EHS	RSPC	SLS	2000	Sport and Physical Activity Skill Development	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
EHS	RSPC	SLS	2900	Special Topics in Sport and Lifestyle Studies	Seminar	1	12		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Specific course content will vary with offering. Course will focus on practical application of specialized topics and activities relevant to sport and lifestyle studies.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSPC	SLS	3010	Ethics and Risk Management in Sport and Physical Activity	Lecture	3	0	BER	N	U30		65
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course addresses ethics, safety and risk management principles and practices related to sport and recreation programs. Viewpoints for the individual and community at large are examined. Ethical decision-making steps are applied to current event issues in sport and leisure. The relationship between ethics and risk reduction are assessed through the development of a risk management plan.								
EHS	RSPC	SLS	3900	Professional Development in Sport and Lifestyle Studies	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SLS Major and (jr or sr)								
		COURSE DESC:		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.								
EHS	RSPC	SLS	4500	Capstone in Sport and Lifestyle Studies	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Senior in SLS major								
		COURSE DESC:		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.								
EHS	RSPC	SLS	4900	Special Topics in Sport and Lifestyle Studies	Seminar	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Specific course content will vary with offering to include newly emerging trends or specialized focus topics relevant to the sport and lifestyle professional.								
EHS	RSPC	SLS	4930	Aging Inclusion Certificate Capstone	Ind Study	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Jr or Sr) and permission required								
		COURSE DESC:		The Capstone class is a summative experience for the Aging Inclusion certificate. It focuses on a project of the student's choice and design, which integrates the knowledge gleaned from the certificate coursework and applies it to the student's personal and/or professional career interests. This project will require students to synthesize information from various topics related to aging into a cohesive whole.								
EHS	RSPC	T3	4710	Sport Aesthetics	Lecture	3	0	3	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		This course analyzes sport as a subject of aesthetic value and valid source for moral education. Students investigate watching sport as a focus of profound emotional experience and nature of allegiance. Observing sport as purists and partisans are differentiated. Students examine the philosophical issues around watching sport and investigate the parallels with art and theatre.								
EHS	RSPC	T3	4720	Clothing and Culture	Lecture	3	0	3	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		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	RSPC	T3	4725	Women and Leadership: Roles and Responsibilities	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (PSY 1010 or SOC 1000) and Sr only								
		COURSE DESC:		PR This capstone course is an analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Students develop reflective practices and strategies for developing leadership skills through research, negotiation and communication.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	ECEE	2001	Sophomore Clinical Practice	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Teacher Candidacy and admission to Early Childhood and Elementary Education program or Child Development major or Child & Family Studies major or Family & Consumer Science major								
		COURSE DESC:		This course supports the clinical experience in an early childhood setting focusing on preschool and provides an opportunity to learn from both theory and direct interactions with children. Students observe and participate in the classroom while learning developmentally appropriate practice.								
EHS	TEDU	ECEE	2301	Integrated Curriculum in Early Childhood Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECEE 2001 concurrent, Teacher Candidacy, and admission to Early Childhood and Elementary Education or Child Development major								
		COURSE DESC:		This course examines cognition, teaching, learning outcomes, and standards in each of the seven early childhood curriculum areas, the methods to integrate curriculum areas, and methods to assess early childhood learning in early childhood. Students learn the selection, preparation, presentation, and evaluation of early childhood activities and materials.								
EHS	TEDU	ECEE	2400	Infant/Toddler Mental Health and Development	Lecture	3	0	2AS; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course introduces students to infant and toddler mental health and development, including brain, social-emotional, language, cognitive, and motor development. Students learn the science of brain development and its centrality in infant and toddler mental health and development. Also, students examine the application of scientific findings and explore strategies of supportive care practices to assure healthy outcomes for infants and toddlers. The role of infant and toddler mental health and development and their connection to adult behaviors and relationships is examined.								
EHS	TEDU	ECEE	2500	Learning to Read: Theory and Practice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECEE 2001 concurrent, Teacher Candidacy, and admission to Early Childhood and Elementary Education or Child Development major								
		COURSE DESC:		Grounded in the science of reading, this course introduces theories of language acquisition and reading development, focusing on Gough and Tunmer's Simple View of Reading, and builds background knowledge of developmentally appropriate literacy practices. In this course, candidates explore a continuum of typical literacy development and begin to explore how to develop and differentiate instruction to meet individual learner needs.								
EHS	TEDU	ECEE	2701	Diversity and Awareness in Early Childhood and Elementary Education	Lecture	3	0	BER; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Teacher Candidacy and admission to PK Internship) or (Child Development major) or (concurrent with ECEE 2001)								
		COURSE DESC:		This course focuses on increasing awareness, sensitivity, and understanding of children and families from diverse racial, ethnic, linguistic, religious, and family backgrounds. Students gain an understanding of structural racism and its impact on educational systems. Instructional frameworks such as culturally relevant pedagogy and equity pedagogy are explored. Implicit bias and anti-racist educational practices are examined. Students discuss the role of advocacy and ethical principles related to supporting children and the education profession.								
EHS	TEDU	ECEE	3001	Combined Junior Clinical Experience in Elementary Settings	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Advanced Standing, 2.75 GPA								
		COURSE DESC:		This course creates an essential link between students' clinical field experiences and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting K-5 student learning. Students refine and develop teaching practices and apply them in K-5 classrooms. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy.								
EHS	TEDU	ECEE	3002	Junior Clinical Experiences in Elementary Settings	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Advanced standing in professional education and 2.75 GPA								
		COURSE DESC:		This course creates an essential link between students' clinical field experiences and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting K-5 student learning. Students refine and develop teaching practices and apply them in K-5 classrooms. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy.								
EHS	TEDU	ECEE	3003	Senior Clinical Experiences in Elementary Settings	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Advanced standing in professional education and 2.75 GPA								
		COURSE DESC:		This course creates an essential link between students' clinical field experiences and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting K-5 student learning. Students refine and develop teaching practices and apply them in K-5 classrooms. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy.								
EHS	TEDU	ECEE	3110	Reading to Learn: Content and Practice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 2000, 2010, 2020 concurrent and advanced standing in education and 2.75 GPA								
		COURSE DESC:		This course focuses on developmental reading across P-5. Grounded in the science of reading and building on ECEE 2500 Learning to Read: Theory and Practice, all forms of literacy (reading, writing, speaking, listening, and viewing) and the way they contribute to the development of proficient reading are studied. Candidates also learn how to integrate content area (mathematics, science, social studies, art, music, and physical education) and literacy instruction to meet the needs of all learners.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	ECEE	3120	Using Reading Assessments to Inform Instruction	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, ECEE 3003 concurrent								
		COURSE DESC:		This course focuses on the central question, "How does assessment inform instruction?" The course focuses on a wide variety of reading assessments and programs for use at the P-5 level. Topics include interpreting standardized and informal assessment results, identifying authentic assessments that provide multiple indicators of student progress, analyzing assessment tools, and creating appropriate instruction to enhance reading strengths and needs of all learners.								
EHS	TEDU	ECEE	3300	Methods of Teaching Mathematics for Early Childhood and Elementary Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDTE 2000, 2010, 2020 concurrent and advanced standing in education and 2.75 GPA								
		COURSE DESC:		This course focuses on research-based approaches to teaching mathematics to elementary age children. Students plan and enact mathematics lessons in their field placement and reflect on their teaching. There is a strong emphasis on identifying and building on children's home, community, and mathematical strengths; on understanding the relationship between mathematics, children's lives, and real-world issues; and on supporting children in making sense of mathematical ideas through problem solving and discussion.								
EHS	TEDU	ECEE	3400	Methods for Teaching Early Childhood and Elementary Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and ECEE 3002 concurrent								
		COURSE DESC:		This course is designed to prepare early childhood and elementary education teacher candidates with the knowledge, skills, and dispositions that provide the foundation for effective science teaching. It develops teacher candidates' abilities to design inclusive and culturally responsive learning environments based on current perspectives about student learning and using evidence-based strategies for teaching and assessment. It also emphasizes scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards for grades P-5.								
EHS	TEDU	ECEE	3500	Methods of Teaching Early Childhood and Elementary Social Studies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and ECEE 3002 concurrent								
		COURSE DESC:		This course focuses on developing curriculum and instructional practices that support social studies learning from preschool to fifth grade. Course emphasis is placed on identifying and practicing approaches and instructional strategies that prepare children to be aware, engaged, and involved citizens within a democratic society. Through the use of literature, discussion, inquiry and democratic processes, this course presents the prospective elementary and early childhood teacher with approaches to content and relevant instructional approaches for supporting and extending social studies learning in preschool-grade 5 classrooms.								
EHS	TEDU	ECEE	3610	Guidance and Classroom Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Teacher Candidacy and admission to PK Internship) or (Child Development major) or (Family & Consumer Science Major)								
		COURSE DESC:		This course focuses on the principles and methods of guiding students in classroom settings. Teacher candidates explore the connection between child development, environmental factors, and family diversity. Emphasis is on understanding strategies to develop positive and supportive relationships with students preschool through 5th grade.								
EHS	TEDU	ECEE	3801	Play & Creativity in Early Childhood & Elementary School	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Teacher Candidacy, ECEE 2001 concurrent and (admission to Early Childhood and Elementary Education program or Child Development major)								
		COURSE DESC:		This course provides students with the opportunity to explore the creative process and learn about developing and implementing curriculum in the areas of art, movement, music, language, literacy, logic, and dramatic play in grades PK-5. Creative thinking and problem-solving is also discussed.								
EHS	TEDU	ECEE	4100	Family, School and Community Collaboration	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and (ECEE 3003 concurrent or Child Development major)								
		COURSE DESC:		This course provides the knowledge necessary to understand how children are affected by the ecology of the family, school and community. It stresses the importance of the parent-teacher relationship in the school and partnership among family, school and community. It discusses various strategies for working effectively with family and community when teaching early childhood and elementary classrooms in PreK to 5th grade.								
EHS	TEDU	ECEE	4200	Philosophy and Theories of Child Development and Education	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and (ECEE 3002 or 3003 concurrent)								
		COURSE DESC:		The purpose of this course is to learn how to write effectively in any context or medium while investigating current models, issues, and trends in early childhood and elementary education. Students use technology to support writing across a broad range of topics as they synthesize philosophies and theories of child development. Twenty-five percent of this course focuses on developing writing in a writing intensive format.								
EHS	TEDU	ECEE	4300	Authentic Assessment for Early and Elementary Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and (ECEE 3002 or 3003 concurrent)								
		COURSE DESC:		Authentic assessment examines the realm of student evaluation in all forms. This includes furthering understanding about formal and informal assessments, report cards, standardized testing, portfolios, rubrics, performance tasks, student-prepared data notebooks, and conferencing with families/caregivers, other teachers, and support staff. The purpose of assessment related to preparing for referral of a student for an exceptionality is also examined.								
EHS	TEDU	ECEE	4400	Actively Engaging and Teaching with Literature and Storytelling Across Content Areas	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Advanced Standing, 2.75 GPA, and (ECEE 3003 concurrent or Child Development major)								
		COURSE DESC:		This course introduces candidates to a wide variety of diverse literature appropriate for use with P-5 learners. Candidates learn how to actively engage students across grade levels and content areas with texts of various styles, genres, and purposes and develop instruction that meaningfully incorporates storytelling, listening, speaking, reading, writing, and viewing.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	ECEE	4500	Principles and Practices of Curriculum in Early Childhood & Elementary Education	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Advanced Standing, 2.75 GPA, ECEE 3003 concurrent						
		COURSE DESC:		This course provides the opportunity to synthesize early childhood and elementary education content, teaching pedagogy, and decision-making processes in regard to curriculum planning, assessment, and implementation for grades PreK-5. The focus is demonstrating the importance of a child-centered, integrated, and equity-focused curriculum for early childhood and elementary education classrooms. Teacher candidates reflect on and evaluate curricular practices in early childhood and elementary education settings through a variety of written products.								
EHS	TEDU	EDCR	1010	Democracy and Education	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to CARE Professional Development School Partnership program						
		COURSE DESC:		PR	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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to CARE Professional Development School Partnership program						
		COURSE DESC:		PR	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EDCR 1010 and CARE Students only						
		COURSE DESC:		PR	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EDCR 1010 and CARE Students only						
		COURSE DESC:		PR	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EDCR 1010 and 2010 and CARE Students only						
		COURSE DESC:		PR	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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EDCR 1010 and 2010 and 2015 and CARE Students only						
		COURSE DESC:		PR	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDCR	3100	Advanced Methods for the Democratic Classroom	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	3100	Advanced Methods for the Democratic Classroom	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
EHS	TEDU	EDEC	1001	Introduction to Early Childhood Education	Lecture	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	Lecture	3	0	2SS; ACNW	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 affected and been affected by societal changes in a progressively more connected, diverse and globalized world.								
EHS	TEDU	EDEC	2100	Children's Literature and Storytelling in the Early Childhood Classroom	Lecture	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	2300	Emergent Mathematics and Science Birth through Five Years	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDEC 170 or 1001 or HCCF 170) and (EDEC 160 or 1600)						
		COURSE DESC:		Examples of early childhood programs, primary elements and issues that differentiate them. Selection, preparation, presentation, and evaluation of premath and science activities and materials.								
EHS	TEDU	EDEC	2400	Infant-Toddler Education: Development, Curriculum and Program	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 1600 or PSY 2410						
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	2500	Emergent Literacy and Reading	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Education major only						
		COURSE DESC:		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.								
EHS	TEDU	EDEC	2600	Global Early Childhood Education: Programs and Practices	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 1600						
		COURSE DESC:		This course provides an in-depth study of global early childhood care and education programs with a focus on the needs of the whole child in a global community. The course compares and contrasts early childhood care and education philosophies and curricula with an emphasis on family and culture.								
EHS	TEDU	EDEC	2900	Special Topics in Education - Early Childhood	Lecture	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	2929	Prekindergarten Associate Practicum Seminar	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDTE 1500 and 2000 and 2010 and 2020 and EDEC 1600) and (EDEC 3929 concurrently)						
		COURSE DESC:		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.								
EHS	TEDU	EDEC	3002	Junior Clinical Experiences I	Laboratory	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Admission to Advanced Standing						
		COURSE DESC:		CR	This course creates an essential link between students' clinical field experiences and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting K-3 student learning. Students refine and develop teaching practices and apply them in K-3 classrooms. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy.							
EHS	TEDU	EDEC	3003	Junior Clinical Experiences II	Laboratory	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Admission to Advanced Standing						
		COURSE DESC:		CR	This course creates an essential link between students' clinical field experiences and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting K-3 student learning. Students refine and develop teaching practices and apply them in K-3 classrooms. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy.							
EHS	TEDU	EDEC	3110	Methods of Teaching Reading Grades 1-3	Lecture	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	Lecture	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 is 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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Advanced Standing and EDEC 3002 or EDEC 3003 concurrent						
		COURSE DESC:		This course is designed to prepare early childhood teacher candidates with the knowledge, skills, and dispositions that provide the foundation for effective science teaching. It develops teacher candidates' abilities to design inclusive and culturally responsive learning environments based on current perspectives about student learning and using evidence-based strategies for teaching and assessment. It also emphasizes scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	3500	Teaching Early Childhood Social Studies	Lecture	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:		This course focuses on developing curriculum and instructional practices that support social studies learning. Course emphasis is placed on identifying and practicing approaches and instructional strategies that prepare young children to be aware, engaged, and involved citizens within a democratic society. Through use of literature, discussion, inquiry and democratic processes, this course presents the prospective early childhood teacher with approaches to content and relevant instructional approaches for supporting and extending social studies learning in early childhood classrooms.								
EHS	TEDU	EDEC	3611	Guidance and Management in the Primary Classroom	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 3610						
		COURSE DESC:		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								
EHS	TEDU	EDEC	3700	Diversity in Early Childhood Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (EDEC 1001 and 1600) and admission to the Early Childhood Education program						
		COURSE DESC:		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.								
EHS	TEDU	EDEC	3701	Diversity in Early Childhood Education	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Early Education major and (EDEC 1001 and 1600) and EDEC 2001 concurrently						
		COURSE DESC:		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.								
EHS	TEDU	EDEC	3801	Play and Creativity in Early Childhood Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 1000 or EDEC 1001 or concurrent and C or better in EDEC 1600						
		COURSE DESC:		This course 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 as well as 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.								
EHS	TEDU	EDEC	3929	Practicum in Early Childhood Education	Practicum	6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 2300 and 3610						
		COURSE DESC:		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.								
EHS	TEDU	EDEC	4004	Senior Practicum in Curriculum Development	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EDEC 3003 and 3400 and 3500						
		COURSE DESC:		PR	Supervised lesson planning and teaching in early childhood classrooms serving children age 3 to grade 3.							
EHS	TEDU	EDEC	4100	Family, School and Community	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in EDEC 1600 and Jr or Sr						
		COURSE DESC:		This course provides the knowledge necessary to understand how children are affected by the ecology of the family, school, and community. It stresses the importance of the parent-teacher relationship in the school and partnership among family, school and community. It introduces various strategies for working effectively with family and community.								
EHS	TEDU	EDEC	4300	Authentic Assessment in Early Childhood Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 2301 and (EDEC 3002 or EDEC 3003 concurrent)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to Advanced Standing and EDEC 2301						
		COURSE DESC:		This course focuses on synthesis of early childhood curriculum content, teaching strategies, and decision-making processes in curriculum development and implementation.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEC	4900	Special Topics in Education - Early Childhood	Lecture	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	6110	Collaboration with Families, Colleagues, and the Community	Lecture	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	Lecture	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 10 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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.								
EHS	TEDU	EDEC	6900	Special Topics in Education - Early Childhood	Lecture	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	TEDU	EDEC	6920	Graduate Practicum I: Early Childhood Education and Early Childhood Special Education	Practicum	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	Seminar	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	Lecture	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	Lecture	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	EDEL	3500	Teaching Social Studies in Elementary and Middle Grade Classrooms	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	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	Lecture	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	3560	Teaching Social Studies to Fourth and Fifth Graders	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDPL 3910 or concurrent) and (EDEC 3002, 3003, 3110, 3120, 3300, 3400, 3500)						
		COURSE DESC:		This course 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	4000	Advanced Studies of Children and Adolescents	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
EHS	TEDU	EDEL	4070	Assessment in the Elementary School	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
EHS	TEDU	EDEL	4150	Teaching Reading and Language Arts to Fourth and Fifth Graders	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Early Childhood Generalist Endorsement student						
		COURSE DESC:		PR	This course prepares students to teach reading and all areas of language arts in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for English Language Arts. Additional emphasis is placed on the analysis of current trends and research in the field of language arts education. This course fulfills the reading and language arts education portion of requirements for the Early Childhood Education Generalist Endorsement.							
EHS	TEDU	EDEL	4250	Teaching Language Arts and Reading to Fourth and Fifth Graders	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDPL 3910 or concurrent) and (EDEC 3002, 3003, 3110, 3120, 3300, 3400, 3500)						
		COURSE DESC:		This course prepares students to teach reading and all areas of language arts in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for English Language Arts. Additional emphasis is placed on the analysis of current trends and research in the field of language arts education. This course fulfills the reading and language arts education portion of requirements for the Early Childhood Education Generalist Endorsement.								
EHS	TEDU	EDEL	4370	Teaching Mathematics to Fourth and Fifth Graders	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDPL 3910 or concurrent) and (EDEC 3002, 3003, 3110, 3120, 3300, 3400, 3500)						
		COURSE DESC:		This course prepares students to teach all areas of mathematics in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for Mathematics. Additional emphasis is placed on the analysis of current trends and research in the field of mathematics education. This course fulfills the mathematics education portion of requirements for the Early Childhood Education Generalist Endorsement.								
EHS	TEDU	EDEL	4480	Teaching Science to Fourth and Fifth Graders	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDPL 3910 or concurrent) and (EDEC 3002, 3003, 3110, 3120, 3300, 3400, 3500)						
		COURSE DESC:		This course prepares students to teach all areas of science in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards. Additional emphasis is placed on the analysis of current trends and research in the field of science education. This course fulfills the science education portion of requirements for the Early Childhood Generalist Endorsement.								
EHS	TEDU	EDEL	4560	Teaching Social Studies to Fourth and Fifth Graders	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDEL	4900	Special Topics in Education - Elementary	Lecture	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	EDEL	5150	Teaching Reading and Language Arts to Fourth and Fifth Graders	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Early Childhood Generalist Endorsement student PR								
		COURSE DESC:		This course prepares students to teach reading and all areas of language arts in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for English Language Arts. Additional emphasis is placed on the analysis of current trends and research in the field of language arts education. This course fulfills the reading and language arts education portion of requirements for the Early Childhood Education Generalist Endorsement.								
EHS	TEDU	EDEL	5250	Teaching Language Arts and Reading to Fourth and Fifth Graders	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Early Childhood Generalist endorsement and (EDPL 5910 or concurrent)								
		COURSE DESC:		This course prepares students to teach reading and all areas of language arts in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for English Language Arts. Additional emphasis is placed on the analysis of current trends and research in the field of language arts education. This course fulfills the reading and language arts education portion of requirements for the Early Childhood Education Generalist Endorsement.								
EHS	TEDU	EDEL	5370	Teaching Mathematics to Fourth and Fifth Graders	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Early Childhood Generalist endorsement and (EDPL 5910 or concurrent)								
		COURSE DESC:		This course prepares students to teach all areas of mathematics in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, and skills and concepts as recommended by the Ohio Learning Standards for Mathematics. Additional emphasis is placed on the analysis of current trends and research in the field of mathematics education. This course fulfills the mathematics education portion of requirements for the Early Childhood Education Generalist Endorsement.								
EHS	TEDU	EDEL	5480	Teaching Science to Fourth and Fifth Graders	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Early Childhood Generalist endorsement and (EDPL 5910 or concurrent)								
		COURSE DESC:		This course prepares students to teach all areas of science in fourth and fifth grade classrooms. It focuses on the design of inclusive, safe, and culturally responsive learning environments, use of evidence-based strategies for teaching and assessment, scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards. Additional emphasis is placed on the analysis of current trends and research in the field of science education. This course fulfills the science education portion of requirements for the Early Childhood Generalist Endorsement.								
EHS	TEDU	EDEL	5560	Teaching Social Studies to Fourth and Fifth Graders	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Early Childhood Generalist endorsement and (EDPL 5910 or concurrent)								
		COURSE DESC:		This course 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	Laboratory	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	Lecture	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	Lecture	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	EDHP	2000	Studies of Children	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDHP	2010	Introduction to Applied Research	Lecture	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	Lecture	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	2820	Ideas and Inquiry in Education	Lecture	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	Lecture	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 Study	3	0	1J; FAW	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	Laboratory	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	3010	Curriculum Development in Middle Childhood	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDMC 3000 and (EDTE 3720 concurrent)						
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to Advanced Standing and 2.75 GPA (EDMC 3100L concurrent)						
		COURSE DESC:		This course provides basic information in language development, oral and written language, and language mechanics. The course focuses on strategies for teaching the language modes through an integrated approach. The work throughout the course will stress the importance of assessment in authentic settings.								
EHS	TEDU	EDMC	3100L	Teaching Middle Childhood Language Arts - Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	EDTE 2000 and 2010 and 2020 and (EDMC 3100 concurrent) and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		CR Field experience in 4th-9th grade classrooms to apply theory and methods learned in EDMC 3100.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDMC	3210	Children's Literature for Middle Childhood	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Advanced standing in professional education and 2.75 GPA						
		COURSE DESC:		This course is designed for candidates in teacher education seeking licensure in middle childhood (4th-9th grades). The course content treats the body of literature by genre. Teacher candidates will be introduced to various techniques for utilizing children's literature in middle childhood school settings.								
EHS	TEDU	EDMC	3300	Teaching Middle Childhood Mathematics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDMC 3300L concurrent and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		Students extend their understanding of research-based approaches to teaching middle grades mathematics and put these approaches into practice. This course includes a field placement in a grades 4-9 classroom, which is arranged by the College of Education. Students plan and enact mathematics lessons in their field placement and reflect on their teaching. There is a strong emphasis on identifying and building on children's home, community, and mathematical strengths and on understanding the relationship between mathematics, children's lives, and real-world issues.								
EHS	TEDU	EDMC	3300L	Teaching Middle Childhood Mathematics - Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	EDMC 3300 concurrent and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		CR Students complete a field experience in a 4th-9th grade classroom to apply theory and methods learned in EDMC 3300.								
EHS	TEDU	EDMC	3400	Teaching Middle Childhood Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2000 and 2010 and 2020 and (EDMC 3400L concurrent) and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		This course is designed to prepare middle childhood education teacher candidates with the knowledge, skills, and dispositions that provide the foundation for effective science teaching. It develops teacher candidates' abilities to design inclusive, safe, and culturally responsive learning environments based on current perspectives about student learning and using evidence-based strategies for teaching and assessment. It also emphasizes scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards.								
EHS	TEDU	EDMC	3400L	Teaching Middle Childhood Science - Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	EDTE 2000 and 2010 and 2020 and (EDMC 3400 concurrent) and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		CR This course is a field experience for middle childhood education teacher candidates to apply theory and methods learned in EDMC 3400 in 4th-9th grade classrooms.								
EHS	TEDU	EDMC	3500	Teaching Middle Childhood Social Studies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2000 and 2010 and 2020 and (EDMC 3500L concurrent) and Admission to Advanced Standing and 2.75 GPA						
		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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	EDTE 2000 and 2010 and 2020 and (EDMC 3500 concurrent) and Admission to Advanced Standing and 2.75 GPA						
		COURSE DESC:		CR 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	Lecture	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	1000	Freshman Early Field Experience	Laboratory	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Admission to COE honors program						
		COURSE DESC:		CR Field experience for freshmen.								
EHS	TEDU	EDPL	2670	Early Childhood Elementary Education Pre-Primary Internship Seminar	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Teacher Candidacy, admission to Pre-Primary Internship, and EDPL 2910 concurrent						
		COURSE DESC:		This course creates an essential link between students internship and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting preschool children's learning. Students refine and develop teaching practices and apply them in preschool settings. Students reflect on the value of embracing individual differences and exhibit respect for children and families from diverse cultural and socioeconomic backgrounds by engaging in culturally relevant pedagogy. The course provides time for dialogue, reflection, information sharing, feedback and support.								
EHS	TEDU	EDPL	2900	Special Topics in Education - Professional Laboratory	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	2910	Early Childhood Elementary Education Pre-Primary Internship	Internship	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Teacher Candidacy, admission to Pre-Primary Internship.						
		COURSE DESC:		This course is the Pre-Primary Internship for the Early Childhood and Elementary Education program. This pre-primary internship provides students an embedded teaching experience in a preschool setting. Students plan and implement learning experiences that are developmentally appropriate for learners ages 3-5 and work as part of a preschool classroom teaching team. This course also creates an essential link between students' internship and university coursework. Through critical discussion and reflection, students examine teaching practices and effective strategies for positively impacting preschool children's learning.								
EHS	TEDU	EDPL	3600	Field Experience	Laboratory	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		CR	Observation and participation in elementary, middle and high schools.							
EHS	TEDU	EDPL	3610	Field Service in Education	Laboratory	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		PR, F	Participation in community agencies, summer camps, recreation programs, Head Start, and various school-related programs.							
EHS	TEDU	EDPL	3910	Field Experience in Grades 4 & 5	Field	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	EDEP 3002, 3003, 3110, 3120, 3300, 3400, 3500, and concurrent with one of the following (EDEL 3560, 4250, 4370, 4480)						
		COURSE DESC:		PR, F	Students complete this field experience as an application of coursework for the Early Childhood Generalist Endorsement.							
EHS	TEDU	EDPL	3920	Partnership Practicum	Practicum	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		PR, F	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	Laboratory	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	(EDPL 4570 and 4650 concurrent) and admission to professional internship in teaching						
		COURSE DESC:		CR	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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	(EDPL 4560 and 4650 concurrent) and admission to professional internship in teaching						
		COURSE DESC:		CR	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 and Elementary Education	Laboratory	6	0	BLD; BSL	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	(EDPL 4590 and 4650 concurrent) and admission to professional internship in teaching						
		COURSE DESC:		PR, F	All early childhood education and early childhood and elementary education majors must complete a full-time professional internship experience for graduation and licensure requirements. This internship provides students an embedded teaching experience in an elementary setting under the guidance of a mentor teacher. Students plan and implement learning experiences that are developmentally appropriate for elementary learners and work as part of a collaborative classroom teaching team.							
EHS	TEDU	EDPL	4590	Professional Internship in Early Childhood and Elementary Education	Laboratory	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	(EDPL 4580 and 4650 concurrent) and admission to professional internship in teaching						
		COURSE DESC:		CR	Continuation of EDPL 4580. All early childhood education and early childhood and elementary education majors must complete a full-time professional internship experience for graduation and licensure requirements. This internship provides students an embedded teaching experience in an elementary setting under the guidance of a mentor teacher. Students plan and implement learning experiences that are developmentally appropriate for elementary learners and work as part of a collaborative classroom teaching team.							
EHS	TEDU	EDPL	4600	Observation and Participation in Elementary, Middle and High Schools	Laboratory	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	4610	Professional Internship in Middle Childhood	Laboratory	6	0	BLD; BSL	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	Laboratory	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	Laboratory	6	0	BLD; BSL	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	Laboratory	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	Seminar	3	0	3; CAP	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	Laboratory	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	Seminar	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	Lecture	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	Internship	6	12		N	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								
EHS	TEDU	EDPL	5600	Internship in Education	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses								
		COURSE DESC:		CR, PR Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full time.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	5610	Internship in Education	Laboratory	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	Laboratory	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	5910	Field Experience in Grades 4 & 5	Field	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Admission to Early Childhood Generalist Endorsement program and concurrent with one of the following (EDEL 5250, 5370, 5480, or 5560) PR, F								
		COURSE DESC:		Students complete this field experience as an application of coursework for the Early Childhood Generalist Endorsement.								
EHS	TEDU	EDPL	6900	Special Topics in Education - Professional Laboratory	Laboratory	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	Internship	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.								
EHS	TEDU	EDPL	6920	Internship: Theory Into Practice	Practicum	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Theory into practice internship based upon research findings in EDTE 6910.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	6936	Field Experience in Teaching Physical Education K-12	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: EDTE 6936 concurrent PR, F								
		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	Laboratory	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses CR, PR								
		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	Laboratory	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 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	Laboratory	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Teacher Candidacy and (EDHP 2700 or PSY 2420 concurrent recommended)								
		COURSE DESC:		The course focuses on teaching tasks and models that support candidates to develop effective teaching skills for secondary school settings. It addresses methods for systematic observation and analysis of practice and reviews tools for self-analysis.								
EHS	TEDU	EDSE	2500L	Analysis of Teaching Characteristics and Teaching Tasks Field Experience	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010 and (EDSE 2500 concurrent) and Teacher Candidacy								
		COURSE DESC:		The lab course supports teacher candidates' developing practice in the secondary school setting. Its major emphasis is on developing systematic skills in observation and analysis of teaching. Focus is on the application of theory and methods learned in EDSE 2500 in 7th-12th grade classrooms.								
EHS	TEDU	EDSE	2900	Special Topics in Education - Secondary	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Specific course content varies with offering.								
EHS	TEDU	EDSE	2970T	Secondary Education Honors Tutorial	Tutorial	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		Individualized tutorial open to HTC students only.								
EHS	TEDU	EDSE	2980T	Secondary Education Honors Tutorial	Tutorial	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	Tutorial	1 to 11	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		Individualized tutorial open to HTC students only.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	3500	Secondary School Planning and Management of Instruction	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 3730 concurrent and Admission to Advanced Standing						
		COURSE DESC:		This course develops students' knowledge, skills, and dispositions for the teaching profession in a changing world, including the skills to systematically design, implement, evaluate, and reflect on secondary school teaching and learning to support higher order thinking abilities among children. It addresses the standards and competencies required for teacher licensure, including alignment of various instructional methods (e.g., direct instruction, cooperative learning, and effective classroom management) with theories of learning, motivation, and affect. It also addresses differentiation of content and instruction and the importance of collaboration with guardians, community members, and other education professionals to support all students through an early field experience.								
EHS	TEDU	EDSE	3510	Secondary School Teaching and Monitoring of Learning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3500 and EDTE 3730						
		COURSE DESC:		This course fosters the professional knowledge, skills, and dispositions required for teaching and licensure. It addresses state and national standards (e.g., horizontal and vertical articulation, cognitive demand, and content-specific practices), describes various assessment formats and tools, and discusses the role that assessment plays in curriculum, teaching, and learning. Special emphasis is placed on the use of assessment data to inform instruction and the implementation of cycles of planning, teaching, assessing, and reflecting centered on student learning. The course situates assessment within the larger socio-political context and discusses legal and practical implications for students, teachers, and schools (e.g., standardized assessments, report cards, teacher evaluation systems, and induction years assessments).								
EHS	TEDU	EDSE	3511	Instruction Process and Curriculum	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The course facilitates a critical appraisal of research in areas of learning and teaching. It focuses on the study and development of instructional models as applied to classroom teaching and learning.								
EHS	TEDU	EDSE	3530	Introduction to Secondary Mathematics Teaching	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in EDSE 3500; No Credit if: EDSE 3510						
		COURSE DESC:		This course provides foundational knowledge in the skills and dispositions needed to be a mathematics teacher in grades 7-12. Students learn about mathematics standards and curriculum, design research-based math lessons, integrate formative assessment into lesson planning, and analyze school-age students' mathematical thinking and their own work with school-age students.								
EHS	TEDU	EDSE	3970T	Secondary Education Honors Tutorial	Tutorial	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only.								
EHS	TEDU	EDSE	3980T	Secondary Education Honors Tutorial	Tutorial	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Individualized tutorial for HTC students only.								
EHS	TEDU	EDSE	3990H	Teaching English Language Learners	Lecture	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Student teaching						
		COURSE DESC:		The course is designed to help future teachers become more effective in expanding English language learners' access to the core curriculum of the mainstream classroom. It focuses on basic principles of language learning and specific methods of instruction. Additional emphases include current research, concepts and theories of English as a Second Language (ESL)/English as a Foreign Language (EFL) teaching and learning, and various methods and techniques of ESL/EFL instruction and assessment in the classroom.								
EHS	TEDU	EDSE	4150	Curriculum Studies: Secondary School	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Jr or Sr						
		COURSE DESC:		The course is designed to assist students in their exploration of curriculum theory and development. It focuses on 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	Internship	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2000 and 2010 and 2020						
		COURSE DESC:		The course emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. It focuses on areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools. Reading difficulties and adaptation of materials and teaching methods for content area instruction are also addressed. Additional emphases include English as a Second Language (ESL)/English as a Foreign Language (EFL) teaching and learning theories, and various methods and techniques of ESL/EFL instruction in the classroom.								
EHS	TEDU	EDSE	4200	Teaching Content Literacy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2000 and 2010 and 2020						
		COURSE DESC:		The course emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. It focuses on areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools. Reading difficulties and adaptation of materials and teaching methods for content area instruction are also addressed. Additional emphases include English as a Second Language (ESL)/English as a Foreign Language (EFL) teaching and learning theories, and various methods and techniques of ESL/EFL instruction in the classroom.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	4320	Evaluation of Student Progress	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The course focuses on the knowledge and skills for using classroom assessment to evaluate student learning. It addresses strategies for using data efficiently and effectively to promote data-driven decision making and problem solving based on collected data.								
EHS	TEDU	EDSE	4400	Secondary School Science Methods	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 3510 and (Jr or Sr) This course prepares Adolescent-Young Adult teacher candidates with a broad-based understanding of central issues involved in the learning and teaching of science, and the nature of knowledge in science. These concepts are integrated into practical activities designed to prepare the candidates for teaching in actual science classrooms and in the community through the integration of service learning projects. Candidates are expected to design individual lessons and a unit that take into consideration national and state standards, classroom management, student safety, learning theory, assessment, the nature of science, and science in the community. Candidates are also expected to apply accurate science content, inquiry skills, and practices through class/field activities and assignments. As this is a service learning designated C course, students are required to actively participate in and reflect upon meaningful service commitments within the community. Travel to and from service learning sites is necessary and is organized collaboratively through our class. These service learning obligations require out of class time; however, all efforts are made to ensure that scheduling and service options are flexible and meet student professional needs and interests.								
EHS	TEDU	EDSE	4400C	Secondary School Science Methods	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 3510 and (Jr or Sr) This course prepares Adolescent-Young Adult teacher candidates with a broad-based understanding of central issues involved in the learning and teaching of science, and the nature of knowledge in science. These concepts are integrated into practical activities designed to prepare the candidates for teaching in actual science classrooms and in the community through the integration of service learning projects. Candidates are expected to design individual lessons and a unit that take into consideration national and state standards, classroom management, student safety, learning theory, assessment, the nature of science, and science in the community. Candidates are also expected to apply accurate science content, inquiry skills, and practices through class/field activities and assignments. As this is a service learning designated C course, students are required to actively participate in and reflect upon meaningful service commitments within the community. Travel to and from service learning sites is necessary and is organized collaboratively through our class. These service learning obligations require out of class time; however, all efforts are made to ensure that scheduling and service options are flexible and meet student professional needs and interests.								
EHS	TEDU	EDSE	4400L	Secondary School Science Teaching Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: EDSE 4400 or concurrent PR, F 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	4720	Teaching Earth Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 3510 The course addresses principles and practices for teaching earth science. Standards and model curricula are investigated and used to develop short- and long-term instructional plans for use with teachers and students in P-16.								
EHS	TEDU	EDSE	4720L	Teaching Earth Science Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 4720 concurrent This course is a field experience focusing on the application of theory and methods learned in EDSE 4720 in 7th-12th grade earth science classrooms.								
EHS	TEDU	EDSE	4780	Teaching Physical Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 3510 The course addresses principles and practices for teaching physical science. Standards and model curricula are investigated and used to develop short and long term instructional plans for use with teachers and students in P-16.								
EHS	TEDU	EDSE	4780L	Teaching Physical Science Lab Field Experience	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 4780 concurrent This course is a field experience focusing on the application of theory and methods learned in EDSE 4780, Teaching Physical Science, in 7th-12th grade classrooms.								
EHS	TEDU	EDSE	4790C	Introduction to Teaching Secondary Social Studies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 3510 or concurrent This course is designed to enable future social studies teachers to design, implement, evaluate, and reflect upon practices and processes for social studies education. Teacher candidates will explore the purpose and value of social studies, practice different methods and techniques of instruction and gain valuable experience in curriculum development, unit planning, and assessment for classrooms and through service learning.								
EHS	TEDU	EDSE	4790L	Teaching Secondary Social Studies Field Experience	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EDSE 4790 or concurrent 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSE	4900	Special Topics in Secondary Education	Lecture	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		The course addresses current issues and developments in secondary education. Selected topics are offered at the instructor's discretion.								
EHS	TEDU	EDSE	4970T	Secondary Education Honors Tutorial	Tutorial	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Individualized tutorial open to HTC students only.								
EHS	TEDU	EDSE	4980T	Secondary Education Honors Tutorial	Tutorial	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Individualized tutorial open to HTC students only.								
EHS	TEDU	EDSP	2300	Teaching Mathematics for Diverse Learners	Lecture	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 mathematics to students in preschool through grade 12, with a focus on supporting students with disabilities. 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. Students are required to complete a 30 hour field experience.								
EHS	TEDU	EDSP	2710	Introduction to Special Education	Lecture	3	0		N	U30		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): 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.								
EHS	TEDU	EDSP	2730	Current Issues in Special Education (MM, MI)	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (EDTE 2000, 2010, and 2020) or concurrent								
		COURSE DESC:		Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services and advocacy issues in relation to the characteristics and needs of learners from birth to adulthood. Ethical and legal considerations for education students with disabilities, with a focus on self-determination from an academic, social, behavioral, and cultural lens, are discussed.								
EHS	TEDU	EDSP	2900	Special Topics in Education - Special	Lecture	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	3550	Technological Applications in Special Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
EHS	TEDU	EDSP	3600	Field Experience in Special Education/Mild to Moderate Educational Needs	Internship	4	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:		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	3600	Field Experience in Special Education/Mild to Moderate Educational Needs	Seminar	4	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:		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	3610	Field Experience in Special Education/Moderate to Intensive Educational Needs	Internship	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 CR, PR								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Seminar	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 CR, PR								
		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	Understanding and Guiding Behavior: Effective Classroom Practices	Lecture	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 class-wide management systems for the purposes of creating a positive classroom climate, reducing challenging behaviors, and teaching conflict resolution skills. Content and activities cover theories of behavior and interventions, universal and targeted supports, and collaboration with colleagues and families.								
EHS	TEDU	EDSP	3710	Intensive Behavior Interventions	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDSP 3700								
		COURSE DESC:		This course addresses individualized supports and intensive behavior interventions for individuals with disabilities in K-12 settings. Students engage in functional behavioral assessment to determine ethical and intentional intervention strategies, implement behavior intervention plans, and collect data to determine the efficacy and any needed modifications.								
EHS	TEDU	EDSP	3760	Methods for Learners with Mild to Moderate Educational Needs	Lecture	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	Lecture	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	Seminar	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	Seminar	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) CR, PR								
		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 moderate to intensive (severe disabilities) educational needs. Requires minimum of 120 direct contact hours.								
EHS	TEDU	EDSP	4750	Methods for Learners with Moderate to Intensive Educational Needs	Lecture	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	Lecture	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:		This course is a comprehensive overview of collaboration as both a concept and a skill. Learners will develop professional competencies related to collaboration, consultation, co-teaching, and teaming in special education. Students will develop skills in using evidence based practices and standards-based curriculum development to provide K-12 learners with special needs access to the general education curriculum. Knowledge and skills also include the consultation process, co-planning and reflective teaching, universal design for learning (UDL), collaborating with professionals and parents, legal and ethical issues, and inter-agency and interdisciplinary collaboration.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	4850	Assessment of Learners with Special Needs	Lecture	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 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) and moderate-intensive (IC) areas.								
EHS	TEDU	EDSP	4900	Special Topics in Education - Special	Lecture	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	5300	Teaching Mathematics for Diverse Learners	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Intervention Specialist - ECE, Mild to Moderate, or Moderate to Intensive Needs students						
		COURSE DESC:		Students learn about the foundations of research-based approaches to teaching mathematics to students in preschool through grade 12, with a focus on supporting students with disabilities. 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.								
EHS	TEDU	EDSP	5700	Nature and Needs of Persons with Exceptionalities	Lecture	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	5710	Intensive Behavior Interventions	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSP 5740						
		COURSE DESC:		This course addresses individualized supports and intensive behavior interventions for individuals with disabilities in K-12 settings. Students engage in functional behavioral assessment to determine ethical and intentional intervention strategies, implement behavior intervention plans, and collect data to determine the efficacy and any needed modifications.								
EHS	TEDU	EDSP	5720	Career Development and Transition Planning for Individuals with Disabilities	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		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	Field	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.								
EHS	TEDU	EDSP	5721	Transition Assessment and Instruction for Students with Disabilities	Lecture	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.								
EHS	TEDU	EDSP	5722	Professional Competencies in the Transition of Students with Disabilities	Field	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	5722	Professional Competencies in the Transition of Students with Disabilities	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
EHS	TEDU	EDSP	5723	Transition Career Development: Research and Theory	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		The purpose of this course is to provide students with an understanding of the basic concepts, theories, and techniques of career counseling. This course examines 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. Guest speakers and other class activities enhance lectures.								
EHS	TEDU	EDSP	5730	Assessment of Learners with Special Needs	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	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.							
EHS	TEDU	EDSP	5740	Understanding and Guiding Behavior: Effective Classroom Practices	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	Course content and activities focus on the ethical development of class-wide management systems for the purposes of creating a positive classroom climate, reducing challenging behaviors, and teaching conflict resolution skills. Content and activities cover theories of behavior and interventions, universal and targeted supports, and collaboration with colleagues and families.							
EHS	TEDU	EDSP	5750	Collaboration, Curriculum Consultation, Teaming and Co-Teaching in Special Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	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.							
EHS	TEDU	EDSP	5760	Current Issues in Special Education (MM, MI, ECIS)	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	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.							
EHS	TEDU	EDSP	5770	Methods for Learners with Moderate to Intensive Educational Needs	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	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	5790	Methods and Materials for Learners with Mild-Moderate Educational Needs	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		COURSE DESC:		CR, PR	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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	5800	Typical and Atypical Early Development	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDSP 5700						
		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	Lecture	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	Lecture	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	EDSP	5990	Nature and Needs of Students with Gifts and Talents	Lecture	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.								
EHS	TEDU	EDSP	6100	Nature and Needs of Young Children with Exceptionalities	Lecture	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 10. 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 10) across various environments.								
EHS	TEDU	EDSP	6210	Advanced Assessment Practices in Early Childhood General and Special Education	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	6720	Advanced Differentiated/ Instructional Adaptations	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Admission to Advanced Master's Program (ME6249)							
				COURSE DESC: This course is designed to develop skills needed by licensed general education teachers to work with all learners including learners with exceptionalities and diverse needs and gifts and talents in inclusive classrooms. Content focuses on universal design for learning (UDL) principles to design curriculum, instruction and assessments. There is also an emphasis on the use of formative assessments or assessment of learning during the instructional process to inform both the teacher and students' learning.								
EHS	TEDU	EDSP	6800	Practicum in Moderate-Intensive Educational Needs	Seminar	2 to 6	6		I	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required							
				COURSE DESC: 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	Seminar	2 to 6	6		I	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required							
				COURSE DESC: 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	6820	Graduate Practicum in Early Childhood Special Education	Seminar	2 to 6	6		I	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required							
				COURSE DESC: A practical, field-based learning experience involving assessment, planning, and teaching under the supervision of a cooperating teacher and university supervisor. Complete a minimum of 30 hours of field work per college credit hour in an approved early childhood special education placement.								
EHS	TEDU	EDSP	6830	Practicum in Differentiated Instruction/Universal Design for Learning	Practicum	2 to 6	6		I	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required							
				COURSE DESC: Develops skills needed by licensed general education teachers in DI (Differentiated Instruction) to work with learners with exceptional/diverse needs in inclusive classrooms including collaboration strategies, curriculum modifications, instruction and management adaptations, and Universal Design for Learning. Each practicum hour requires 30 hours in direct instructional activities.								
EHS	TEDU	EDSP	6830	Practicum in Differentiated Instruction/Universal Design for Learning	Seminar	2 to 6	6		I	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR	REQUISITE: Permission required							
				COURSE DESC: Develops skills needed by licensed general education teachers in DI (Differentiated Instruction) to work with learners with exceptional/diverse needs in inclusive classrooms including collaboration strategies, curriculum modifications, instruction and management adaptations, and Universal Design for Learning. Each practicum hour requires 30 hours in direct instructional activities.								
EHS	TEDU	EDSP	6900	Special Topics in Education - Special	Lecture	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	TEDU	EDSP	6920	Graduate Practicum II: Early Childhood Education and Early Childhood Special Education	Practicum	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Practicum II 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 the following three components of early childhood instruction: (a) play-based curricula, (b) transition supports and services, and (c) evaluation of classroom quality to improve outcomes for all young children. Students complete 60 hours of fieldwork throughout the semester in an approved early childhood education or early childhood special education placement.								
EHS	TEDU	EDSP	6920	Graduate Practicum II: Early Childhood Education and Early Childhood Special Education	Seminar	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Practicum II 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 the following three components of early childhood instruction: (a) play-based curricula, (b) transition supports and services, and (c) evaluation of classroom quality to improve outcomes for all young children. Students complete 60 hours of fieldwork throughout the semester in an approved early childhood education or early childhood special education placement.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	1000	Introduction to Teacher Education	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	1010	Introduction to Hip-Hop Based Education	Lecture	3	0		I	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course explores in depth the complex issues and challenges of education in the United States and how hip-hop based education has been used to create more equitable schooling practices for youth. Course content includes an exploration of the origins of hip-hop based education and its role in addressing social issues and concerns within education. The course emphasizes preparing teacher candidates to use hip-hop culture to connect to the lives of youth.								
EHS	TEDU	EDTE	2000	Learning and Human Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Laboratory	1	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		This course provides an introduction to the importance of diversity in today's classrooms through an exploration of ethnic identity, stereotypes and bias, socioeconomic status, and educational opportunity gaps. Special attention is also given to professionalism in the field. In addition to topical seminar sessions, students complete field experiences in an urban school, write reflective papers, and attend a diversity symposium.								
EHS	TEDU	EDTE	2100	Introduction to Youth Culture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course explores the complexity of youth culture and examines the cultural and historical construction of childhood to young adulthood. This course discusses major learning and human development theories through the use of youth culture pedagogy as an overarching framework for understanding. In addition, this course provides an introduction to equity based pedagogical frameworks such as reality pedagogy and culturally sustaining pedagogy as a way to affirm students and support their learning.								
EHS	TEDU	EDTE	2200	Phonics and the Structure of Language	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides information and training in the foundations of phonics instruction. In this course, candidates explore the historical, linguistic, and instructional framework related to phonics skill development and learn how to adjust instruction for the needs of all learners.								
EHS	TEDU	EDTE	2500	Issues in Global Education	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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. From this experience, students develop 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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	TEDU	EDTE	3000	Teaching Ohio in the Curriculum	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course focuses on developing core knowledge about the state of Ohio and designing curriculum and instructional practices that support learning about Ohio in social studies classrooms from second to eighth grade. Course emphasis is placed on a systematic study of Ohio's history, geography, government, and economics along with identifying and practicing approaches and instructional strategies to teach about Ohio. Through the use of literature, discussion, digital resources, inquiry, and place-based education, this course presents prospective elementary and middle childhood teachers with approaches to develop content knowledge, curriculum design, and instructional approaches to support social studies learning in grades 2-8 classrooms.								

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

College	Dept	Subj	Cat #	Title	Component	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 COURSE DESC: 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3500	Globalization in Education GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3540	Introduction to Inquiry & Nature of Science GEC1: A-F REQUISITE: WARNING: No Credit if EDSE 3510 COURSE DESC: This course provides foundational knowledge, skills, and dispositions for the preparation of science teachers. It addresses science standards and curriculum, including the Ohio Learning Standards for Science, the Next Generation Science Standards, learning progressions, disciplinary core ideas, cross-cutting concepts, and science and engineering practices. Additional topics include the role that different kinds of assessments play in science curriculum, teaching, and learning. Students apply course principles in a K-12 professional development school classroom.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3550	Introduction to Secondary Social Studies Content and Practice GEC1: A-F REQUISITE: C or better in EDSE 3500; No Credit if: EDSE 3510 COURSE DESC: This course provides foundational knowledge, skills, and dispositions to be a social studies teacher of grades 7-12. Students learn about the history of social studies in schools, disciplinary concepts and research-based practices of social studies, how to design social studies curricula and assessments, and pedagogical approaches to cultivate civic knowledge, skills, and dispositions in schools and communities.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3710	Instructional Adaptations for Early Childhood Learners with Exceptionalities and Diverse Needs GEC2: A-F, REQUISITE: Admission to Advanced Standing and 2.75 GPA PR COURSE DESC: This course combines with clinical/field experiences to develop skills needed by early childhood and elementary educators to work with families and young children with special needs in early childhood and elementary programs. Content includes universal design of curricula and assessments, curriculum modifications, instructional and management adaptations, multi-tiered systems of support, the development and use of positive behavior intervention and supports, students' assessment and progress monitoring, effective collaboration strategies, accessing related and support services, and skills required for instructing and managing an inclusive classroom (preschool through fifth grade).	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3720	Instructional Adaptations for Middle Childhood Learners with Exceptionalities and Diverse Needs GEC2: A-F, REQUISITE: Admission to Advanced standing and 2.75 GPA PR COURSE DESC: This course is 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3730	Instructional Adaptations for Adolescent-Young Adult Learners with Exceptionalities & Diverse Needs GEC2: A-F, REQUISITE: (EDSE 3500 or concurrent) and Admission to Advanced Standing and 2.75 GPA PR COURSE DESC: 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	4110	Developing Thinking Skills GEC1: A-F REQUISITE: COURSE DESC: The course focuses on understanding the nature of 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.	Lecture	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	4200	Teaching Literacy in the Content Areas	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to Advanced Standing						
		COURSE DESC:		Strategies for using various content-area appropriate literacy materials across K-12 classrooms are presented in this course. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction is also presented. A focus of this course is on meeting the literacy needs of all students, especially diverse learners, across all content areas.								
EHS	TEDU	EDTE	4210	Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2200 and 3250 and Admission to Advanced Standing and 2.75 GPA						
		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 needs 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.								
EHS	TEDU	EDTE	4210	Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 2200 and 3250 and Admission to Advanced Standing and 2.75 GPA						
		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 needs 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.								
EHS	TEDU	EDTE	4220	Assessing and Teaching Struggling Readers	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDEC 2100 and 2500 and 3120) or (EDTE 3250 and 4210)						
		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.								
EHS	TEDU	EDTE	4220	Assessing and Teaching Struggling Readers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(EDEC 2100 and 2500 and 3120) or (EDTE 3250 and 4210)						
		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.								
EHS	TEDU	EDTE	4230	Reading Practicum	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDTE 4220						
		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.								
EHS	TEDU	EDTE	4300	Overseas Student Teaching	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		This course prepares teacher candidates for participation in the Consortium for Overseas Student Teaching.								
EHS	TEDU	EDTE	4430	Teaching Environmental Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
EHS	TEDU	EDTE	4900	Special Topics in Education - Teacher Education	Lecture	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	EDTE	5100	Principles of Curriculum	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	TEDU	EDTE	5100L	Principles of Curriculum - Laboratory	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDTE 5100 concurrent						
		COURSE DESC:		CR, PR Lab companion course for EDTE 5100.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5110	Developing a Thinking Skills Program for the Elementary/Secondary Classroom	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: 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.								
EHS	TEDU	EDTE	5200	Literature-Centered Developmental Reading Instruction	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: 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.								
EHS	TEDU	EDTE	5201	Theoretical Foundations of Reading Instruction	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: 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.								
EHS	TEDU	EDTE	5210	Foundation of Language and Diversity	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Admission to graduate program in reading								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Admission to graduate program in reading								
				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	Lecture	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	Lecture	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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: This course extends students' knowledge and skills related to helping children become successful readers and writers. Students perform diagnostic examinations, prepare lesson plans, and individually tutor a struggling reader. Through their work, students monitor the progress of their struggling reader, identifying instructional objectives based on diagnostic examinations and implementing specific strategies to remediate difficulties. The work in this course culminates in the creation of a final remediation report, including documentation and comparisons of assessment results as well as a full description of several activities used to meet each instructional objective. For this class, students are required to work with a student in grades K-3 or 4-6 for a total of 35 hours.								
EHS	TEDU	EDTE	5240	Literature for Children and Adolescents	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: This course builds on the foundational knowledge acquired in undergraduate children's literature courses to focus on diversity in literature for P-12 students. Understanding the components of children's literature (e.g., genre, voice, character development), students in this course critically evaluate their knowledge and use of diverse literature with P-12 students. Students learn more about the diversity that does (and does not) exist in literature for young students, and read and evaluate literature that brings attention to diversity of race, ethnicity, religion, gender identity, sexual identity, socioeconomic status, familial status, ability, and mental health.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5250	Reading Instruction	Lecture	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	5260	Teaching Literacy in the Content Areas	Lecture	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Strategies for using various content-area appropriate literacy materials across K-12 classrooms are presented in this course. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction is also presented. A focus of this course is on meeting the literacy needs of all students, especially diverse learners, across all content areas.								
EHS	TEDU	EDTE	5261	Secondary Reading Instruction	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course provides information and training in the foundations of phonics instruction. In this course, candidates explore the historical, linguistic, and instructional framework related to phonics skill development and learn how to adjust instruction for the needs of all learners.								
EHS	TEDU	EDTE	5300	Teaching Middle Childhood Mathematics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and Admission to Intervention Specialist Program and EDRE 5010								
		COURSE DESC:		Students extend their understanding of research-based approaches to teaching middle grades mathematics and put these approaches into practice. This course includes a field placement in a grades 4-9 classroom, which is arranged by the College of Education. Students plan and enact mathematics lessons in their field placement and reflect on their teaching. There is a strong emphasis on identifying and building on children's home, community, and mathematical strengths and on understanding the relationship between mathematics, children's lives, and real-world issues.								
EHS	TEDU	EDTE	5400	New Programs and Practices in Science	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5100								
		COURSE DESC:		This course is designed to prepare middle childhood education teacher candidates with the knowledge, skills, and dispositions that provide the foundation for effective science teaching. It develops teacher candidates' abilities to design inclusive, safe, and culturally responsive learning environments based on current perspectives about student learning and using evidence-based strategies for teaching and assessment. It also emphasizes scientific inquiry, core ideas, and cross-cutting concepts as recommended by the Ohio Learning Standards for Science and the Next Generation Science Standards. Additional emphasis is placed on the analysis of current trends and research in the field of middle grades science education.								
EHS	TEDU	EDTE	5410	New Topics in Science and Science Education	Lecture	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	Seminar	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	Lecture	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	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 5510 concurrent								
		COURSE DESC:		Companion lab course for EDTE 5510.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5600	Advanced Studies of Children and Adolescents	Lecture	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	Lecture	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	Lecture	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	5900	Special Topics in Education - Teacher Education	Lecture	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	6010	Teaching Fellow Seminar I	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course serves as the first in a series of two seminars for P-12 Teaching Fellows. New teachers learn ways to build positive relationships with students and families. The importance of building positive relationships with coworkers is discussed, with an emphasis placed on communicating effectively. Practices that are new to early career teachers, such as grade level/team planning, co-teaching, and developing and implementing a classroom management plan, are also covered. Additionally, time is spent discussing how to balance full-time graduate work, including the completion of a research project, and teaching.								
EHS	TEDU	EDTE	6020	Teaching Fellow Seminar II	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course serves as the second in a series of two seminars for P-12 Teaching Fellows. New teachers learn about becoming a mentor teacher to others. The importance of advocating for oneself as a professional is discussed. Time is spent discussing the job search and interview process, including building a good resume and effective cover letter.								
EHS	TEDU	EDTE	6100	Early Childhood Curriculum	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6140	Analysis of Supervisory Systems	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6110 CR, PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course is designed to develop the knowledge, skills, and dispositions of teachers and teacher candidates about classroom management and student behavior procedures for grades PreK-12. The course additionally focuses on the knowledge and practices necessary for effective and efficient use of classroom formative and summative assessment data, including how to analyze and interpret data to engage in data-driven decision making and problem solving.								
EHS	TEDU	EDTE	6161	Issues in Adult Education	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDRE 5010 and EDTE 5100 and 6600 PR								
		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	6230	Coaching Classroom Teachers in Reading/Literacy	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5200 and 5210 PR								
		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	Internship	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6600	Advanced Principles of Teaching	Lecture	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	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 concurrent								
		COURSE DESC:		Application of principles of teaching and learning in clinical/field settings.								
EHS	TEDU	EDTE	6670	Teacher as Action Researcher	Seminar	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. Students learn about action research and its relevance to their current or future teaching context. The course provides candidates with guided practice as they inquire into and reflect on their practice. Students apply research and bibliographic methods and resources necessary for inquiry into practice.								
EHS	TEDU	EDTE	6900	Special Topics in Education - Teacher Education	Lecture	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 Study	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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 Research Project	Research	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Master research project.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6950	Master's Thesis	Thesis	.5 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	Lecture	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	Laboratory	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	Lecture	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	Seminar	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	Seminar	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	7160	Observing Instruction and Assessing Learners Outcomes in Classrooms and Other Settings	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 6600 and 7150								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Focuses on the dynamics of curriculum change.								
EHS	TEDU	EDTE	7200	Foundations of Elementary Reading Instructions	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR In-depth study of the issues surrounding diversity and the instruction of reading/literacy.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7220	Diagnosis: Reading/Language	Seminar	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	7230	Laboratory Reading/Language	Practicum	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220 CR, PR								
		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	Seminar	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220 CR, PR								
		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	Seminar	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	7260	Secondary Reading Instruction	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220 CR, PR								
		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	Practicum	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7220 CR, PR								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 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	7370	Piaget's Theory of Constructivism and Its Application in Education	Discussion	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
EHS	TEDU	EDTE	7370	Piaget's Theory of Constructivism and Its Application in Education	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								
EHS	TEDU	EDTE	7380	Democratic Education and other Progressive Models	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course will examine the Democratic Education movement and other progressive education initiatives. Specifically we will examine the writings of Jean Jacques Rousseau, Johann Heinrich Pestalozzi, A.S. Neill, Ivan Illich and John Caldwell Holt to examine the tenants of democratic education and the de-schooling and un-schooling movements.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7400	Curriculum in Science Education	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		History of science instruction, curriculum problems, issues, recent trends, and emphases in teaching practices. Impact of dominant theories of learning and philosophies of education on current curriculum changes in science. Critical review of existing conventional programs used as a background for examining experimental programs. Emphasis on historical development of science education from dominance of nature study and aesthetics to modern experimental programs.								
EHS	TEDU	EDTE	7500	Inquiry and Value Clarification in Social Studies	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Critical discussion of curricula for the social sciences, social life in classrooms, schools and communities, and social justice. Emphasis is placed on active teaching, inquiry, problem-based and service learning, teaching of social studies.								
EHS	TEDU	EDTE	7600	Readings and Research in Human Development	Seminar	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Interpretation of scientific literature on human development as related to classroom experience in preschool through adolescence. Independent projects and solving selected educational problems.								
EHS	TEDU	EDTE	7900	Advanced Seminar in Education Research	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Review of current literature and research in education. Preparation of research proposal.								
EHS	TEDU	EDTE	7920	Curriculum and Instruction Practicum	Practicum	1 to 6	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7150 and 7160 CR, PR								
		COURSE DESC:		Extended, supervised experience in a classroom or other educational setting for a) active engagement in curriculum and instruction and/or teaching and learning processes, b) systematic documentation and analysis of curriculum and/or instructional processes and/or curriculum change and/or instructional change initiatives, c) application of an action inquiry framework to guide active participant-observation, and d) presentation of poster at Research and Creative Activity Event and/or preparation of a manuscript to be submitted for publication.								
EHS	TEDU	EDTE	8000	Advanced Dynamics of Human Learning	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master's degree CR, PR								
		COURSE DESC:		Study and critique of major theories of learning and human development; analysis of present and future social and cultural changes and their potential impact on human learning and development.								
EHS	TEDU	EDTE	8020	Dynamics of Change in Education	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Analytical study of theories, concepts, and strategies and roles of change agents as related to change in education.								
EHS	TEDU	EDTE	8040	Writing for Publication	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		This course is designed to introduce doctoral students to the professional publication process and the crafting of literature reviews. Students will become familiar with editorial policies of relevant periodicals, identify various professional publication outlets and review a manuscript using professional editorial criteria. The course will culminate in a manuscript or alternative product that will be submitted for publication.								
EHS	TEDU	EDTE	8100	Seminar in Theories and Practices for Mentoring	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Critical review of theory, research, issues, and new directions in the study of mentoring and development of mentoring practices and programs in schools and other educational settings.								
EHS	TEDU	EDTE	8200	Research and Curriculum in Elementary Education Reading	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8230	Research and Curriculum in the Literacy Clinic	Seminar	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	Seminar	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	Laboratory	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Internship	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDTE 7200 CR, PR								
		COURSE DESC:		Supervised field experiences in reading.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8920	Practicum in Special Education	Practicum	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	Seminar	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	Practicum	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	Practicum	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	Practicum	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 Study	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	Research	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	Research	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	Thesis	.5 to 15	15		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Dissertation research.								
EHS	TEDU	T3	4730	Childhood in America and its Historical and Sociocultural Impact on the Society in Which We Live	Seminar	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	1000	Introduction to Aviation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	2000	Introduction To Unmanned Aerial Systems (UAS) Operations	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is designed to prepare individuals for Unmanned Aerial System (UAS) operations conducted within the United States National Airspace System (NAS). Students will be introduced to UAS operations, UAS benefits to society, business aspects, career profiles, regulatory requirements, licensing, registration, and fundamental operations of Unmanned Aerial Vehicles.								
ENT	AVN	AVN	2400	Private Pilot Flight Course	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Meets FAA mandated requirements for Private Pilot Certificate.								
ENT	AVN	AVN	2403	Private Pilot Flight Transfer Course	Laboratory	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required and FAA private pilot knowledge test passed						
		COURSE DESC:		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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
ENT	AVN	AVN	3000	Aviation Laws and Regulations	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 1000 and 1100						
		COURSE DESC:		Examines the legal and ethical issues as applied to aviation activities. Student obtains knowledge, background, and understanding of aviation laws, regulations, and ethical behavior. 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 1100 and GEOG 3010						
		COURSE DESC:		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	Lecture	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	B- or better in AVN 1100, C or better in AVN 2400, and Permission from Chair						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AVN 1100						
		COURSE DESC:		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	Lecture	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I English and (Jr or Sr)						
		COURSE DESC:		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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	3400	Cross-Country Flight	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Flight training consisting of VFR cross-country flights and basic attitude instrument flying.								
ENT	AVN	AVN	3500	Commercial Pilot Ground School	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Instruction in flight by sole reference to instruments. Preparation for instrument rating.								
ENT	AVN	AVN	4050	Advanced Cross Country Flight	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AVN 4000 PR								
		COURSE DESC:		Dual and solo Visual and Instrument cross country flight.								
ENT	AVN	AVN	4100	Aviation Ground Instructor Ground School	Tutorial	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Instrument rating PR, F								
		COURSE DESC:		Provides review of instrument procedures to meet FAA current requirements.								
ENT	AVN	AVN	4200	Commercial Flight	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AVN 4050 PR								
		COURSE DESC:		Flight instruction in single engine complex airplane. Preparation for Commercial Pilot Certificate ASEL.								
ENT	AVN	AVN	4300	Multi-Engine Flight Course	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Commercial pilot certificate PR								
		COURSE DESC:		FAA mandated instruction to meet FAA Practical Airman Certification Standards (ACS) 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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	AVN	4350	Flight Engineer	Tutorial	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	Lecture	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	Laboratory	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	Tutorial	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	Laboratory	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	Tutorial	3	0		N	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	Laboratory	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	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Flight instructor certificate- Instrument certificate- Commerical 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	Laboratory	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	Tutorial	2 to 16	16		D	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	Lecture	3	0	3; BLD; CAP	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	Laboratory	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	4850	Advanced Aircraft and Flight Crew Operations	Lecture	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.								

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ENT	AVN	AVN	4860	Principles of Corporate Flight Operations	Lecture	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	Tutorial	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	Lecture	3	0	BDP	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, diversity, and professional responsibilities.								
ENT	AVN	AVN	4900	Special Topics in Aviation	Lecture	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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ENT	CE	CE	2000	Civil Engineering Fundamentals	Lecture	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	Laboratory	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	Lecture	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2220 or 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2220 or 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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	3300	Structural Theory I	Lecture	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	Lecture	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	Lecture	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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	3420	Applied Hydraulics & Hydrology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3400 and (4001 or concurrent)						
		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	3530	Basics of Environmental Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 1510 and (Jr or Sr)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3110						
		COURSE DESC:		Introduction to Transportation Engineering with emphasis on transportation planning concepts and multi-modal design elements.								
ENT	CE	CE	3700	Geotechnical Engineering	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2220 and GEOL 2830 and (CE 3400 or concurrent)						
		COURSE DESC:		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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3700 or concurrent						
		COURSE DESC:		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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2220						
		COURSE DESC:		Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.								
ENT	CE	CE	3800	Civil Engineering Materials	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2220						
		COURSE DESC:		Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.								
ENT	CE	CE	4001	Societal Concerns in Civil Engineering	Lecture	4	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or 1610) and (Jr or Sr)						
		COURSE DESC:		The course covers global/societal issues, engineering economics, statistics, ethics, and professionalism, as related to the civil engineering field. Emphases are placed on the preparation of economic justification reports, statistical analysis reporting, conclusion development, and ethical position statements.								
ENT	CE	CE	4100	Applied Boundary Surveying	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4240	Strength of Materials II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in ET 2220								
ENT	CE	CE	4280	Experimental Methods in Civil Engineering	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and PHYS 2052 or (2056 and 2057) and CE4001								
ENT	CE	CE	4280	Experimental Methods in Civil Engineering	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and PHYS 2052 or (2056 and 2057) and CE4001								
ENT	CE	CE	4320	Structural Design in Concrete	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2010 and 3300								
ENT	CE	CE	4330	Structural Design in Steel	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	CE	4370	Timber Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	CE	4372	Masonry Structural Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	CE	4380	Prestressed Concrete Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and CE 4320								
ENT	CE	CE	4450	Flow Routing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420								
ENT	CE	CE	4500	Water & Wastewater Engineering	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3400 and CHEM 1510								
ENT	CE	CE	4510	In-Situ Remediation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420 and CHEM 1510								
ENT	CE	CE	4530	Solid & Hazardous Waste Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)								
ENT	CE	CE	4540	Sustainable Construction	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2160								
ENT	CE	CE	4570	Water Resources Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420								
ENT	CE	CE	4580	Water Quality Engineering	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4580	Water Quality Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHEM 1510 and (Jr or Sr)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3610						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3610						
		COURSE DESC:		Introduction to urban transportation planning, characteristics of urban travel, travel demand models, decision models, and future issues.								
ENT	CE	CE	4680	Traffic Signal Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3610						
		COURSE DESC:		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	4710	Foundation Engineering	Lecture	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	Laboratory	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Field	3	0	3; BLD; CAP	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.								
ENT	CE	CE	4910	Senior Design- Land Development	Seminar	3	0	3; BLD; CAP	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	4911	Senior Design--Environmental/Water Resources GEC1: A-F REQUISITE: CE 4500 or concurrent and Sr only COURSE DESC: An advanced applied engineering course utilizing combinations of water/wastewater treatment and hydraulics/hydrology courses as applied to society's needs.	Discussion	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4911	Senior Design--Environmental/Water Resources GEC1: A-F REQUISITE: CE 4500 or concurrent and Sr only COURSE DESC: An advanced applied engineering course utilizing combinations of water/wastewater treatment and hydraulics/hydrology courses as applied to society's needs.	Field	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4912	Senior Design--Structures and Foundations GEC1: A-F REQUISITE: CE 3700 and (4320 or 4330) and Sr COURSE DESC: A civil engineering design elective integrating fundamental civil engineering courses for foundation and structural design, analysis, and drawing.	Discussion	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4912	Senior Design--Structures and Foundations GEC1: A-F REQUISITE: CE 3700 and (4320 or 4330) and Sr COURSE DESC: A civil engineering design elective integrating fundamental civil engineering courses for foundation and structural design, analysis, and drawing.	Field	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4913	Senior Design- Special Project GEC1: A-F REQUISITE: Permission required COURSE DESC: An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	Discussion	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4913	Senior Design- Special Project GEC1: A-F REQUISITE: Permission required COURSE DESC: An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	Field	3	0	3; BLD; CAP	N	U30		0
ENT	CE	CE	4918	Undergraduate Internship in CE GEC6: CR, REQUISITE: CE 2160 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.	Internship	1	2	BLD	N	U30		0
ENT	CE	CE	4940	CE Undergraduate Research Experience GEC1: A-F REQUISITE: Permission required 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.	Research	3	6	BLD	I	U30		0
ENT	CE	CE	5100	Applied Boundary Surveying GEC1: A-F REQUISITE: CE 2100 COURSE DESC: Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	Laboratory	2	0		N	G50		0
ENT	CE	CE	5100	Applied Boundary Surveying GEC1: A-F REQUISITE: CE 2100 COURSE DESC: Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	Lecture	2	0		N	G50		0
ENT	CE	CE	5110	Legal Principles in Boundary Location GEC1: A-F REQUISITE: Permission required 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.	Lecture	2	0		I	G50		0
ENT	CE	CE	5150	Geodetic Surveying 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.	Lecture	2	0		N	G50		0
ENT	CE	CE	5160	Construction Estimating & Equipment GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0
ENT	CE	CE	5170	Construction Planning and Scheduling GEC1: A-F REQUISITE: COURSE DESC: 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	Lecture	3	0		N	G50		0

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ENT	CE	CE	5190	Project Development, Contracts, and Law	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5200	Finite Element Methods in Engineering	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2220 or CE 222						
		COURSE DESC:		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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Buckling of columns, beam columns, plates, and rings.								
ENT	CE	CE	5270	Experimental Stress Analysis	Laboratory	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	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	5372	Masonry Structural Design	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This is a civil engineering course related to masonry construction. The course covers a list of topics ranging from materials used in masonry construction to design standards and actual design steps. The course allows students to work on a project in which they design, build, and test a masonry structural element.								
ENT	CE	CE	5380	Prestressed Concrete Design	Lecture	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5390	Computer Aided Structural Design	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This class covers the fundamental concepts, principles of structural modeling, and computer-aided structural design. In this class, each student gains many hours of practical modeling experience using a powerful finite element package widely used by structural engineers. The class first starts with modeling of the common structural components under a variety of loading conditions. Then, the class addresses issues such as how to interpret the model analysis results and how to make design choices. Experiences gained with the software package used should transfer easily to any other structural analysis software package.								
ENT	CE	CE	5400	Deterministic Approaches in Water Resources	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CE 3420								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CE 3420								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CE 3420								
				Design flood peaks, flood hydrograph, spillway, penstock, and river channel regulation.								
ENT	CE	CE	5510	In-Situ Remediation	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CE 3530								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5570	Water Resources Engineering	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				A 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	5580	Water Quality Engineering	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to urban transportation planning, characteristics of urban travel, travel demand models, decision models, and future issues.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5670	Traffic Engineering	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Traffic data collection, capacity analysis of freeways for design, and signalized intersection design.								
ENT	CE	CE	5680	Traffic Signal Systems	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3700						
		COURSE DESC:		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	Laboratory	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3710						
		COURSE DESC:		Advanced techniques for measurement of soil engineering properties.								
ENT	CE	CE	5750	Advanced Foundation Engineering	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5940	Special Investigations	Research	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Uncertainty and risk involved in construction projects, risk management, decision making, probabilistic approaches, and predictive models.								
ENT	CE	CE	6230	Continuum Mechanics I	Lecture	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.								
ENT	CE	CE	6250	Finite Element Methods in Mechanics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5200						
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		First-order, second-moment reliability method, Monte Carlo simulation, load and resistance factors, reliability index, and code checking.								
ENT	CE	CE	6320	Structural Dynamics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Nature of earthquakes, measurement of earthquake motions, effects on soils and structures, and earthquake-resistant design.								
ENT	CE	CE	6340	Bridge Engineering	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.								
ENT	CE	CE	6345	Bridge Design	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 6340						
		COURSE DESC:		Analysis and design of bridges using various materials in accordance with AASHTO specifications.								
ENT	CE	CE	6500	Chemical Fate and Transport in the Environment	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	6530	Environmental Geotechnology I	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3700 or 4500								
				Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.								
ENT	CE	CE	6530	Environmental Geotechnology I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3700 or 4500								
				Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.								
ENT	CE	CE	6550	Advanced Water Treatment	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.								
ENT	CE	CE	6550	Advanced Water Treatment	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.								
ENT	CE	CE	6560	Advanced Waste Water Treatment	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced study of theory. Design of biological treatment units. Practice in control methods.								
ENT	CE	CE	6560	Advanced Waste Water Treatment	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced study of theory. Design of biological treatment units. Practice in control methods.								
ENT	CE	CE	6590	Surface Water Quality Modeling	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 4500								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The role of environmental assessment in transportation planning and project development is addressed.								
ENT	CE	CE	6620	Transportation Design I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
				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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 6640								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Microscopic and macroscopic traffic flow fundamentals and characteristics.								
ENT	CE	CE	6680	Regulations, Control and Signal Design	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 5670								
				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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 5200								
				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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
				Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	6900	Special Topics in Civil Engineering	Lecture	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	6915	Civil Engineering Seminar	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Presentation on research topics by students. Typically take in final year of graduate study.								
ENT	CE	CE	6940	Research	Research	1 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Master's level research.								
ENT	CE	CE	6950	Master's Thesis	Thesis	.5 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Writing and defending a thesis.								
ENT	CE	CE	7100	Energy and Variational Principles	Lecture	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	Lecture	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	Lecture	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	Lecture	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	7320	Plastic Design of Structures	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course covers the theory of plastic design as applied to rigid-jointed frames, continuous or restrained beams, girders, and statically indeterminate structures that are stressed primarily in bending.								
ENT	CE	CE	7360	Advanced Concrete Design	Lecture	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	Lecture	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	Lecture	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	7520	Industrial Waste Treatment	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6550 and 6560								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6500								
		COURSE DESC:		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	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	7630	Advanced Highway Safety Studies and Evaluation	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6630								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6640								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 6640								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 4670 or 4680 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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	8900	Special Topics in Civil Engineering	Lecture	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	8915	Seminar on Teaching in Civil Engineering	Seminar	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		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	Research	1 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Doctoral Research								
ENT	CE	CE	8950	Doctoral Dissertation	Thesis	.5 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Doctoral dissertation.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	BME	5000	Introduction to Biomedical Engineering	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5820	Nano- and Biointerfaces	Lecture	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	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: P BIO 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	Lecture	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.								
ENT	CHE	BME	5900	Special Topics in Biomedical Engineering	Lecture	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	CHE	BME	6000	Seminar in Biomedical Engineering	Seminar	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F Special presentations on current relevant topics presented by internal and external experts in biomedical research / biomedical engineering.								
ENT	CHE	BME	6670	Advanced Biomechanics	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	BME	6910	Biomedical Engineering Internship	Field	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		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	Research	1 to 18	999		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Individual, non-thesis research related to biomedical engineering, arranged with a specific professor.								
ENT	CHE	BME	6950	Biomedical Engineering Thesis	Thesis	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	Lecture	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	1100	Introduction to Chemical Engineering	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		Introduction to the profession of chemical engineering. Orientation to the technical scope of the field and career options, as well as to professional and ethical responsibilities.								
ENT	CHE	CHE	1800	Approaches to Chemical Engineering Problem Solving	Lecture	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	Recitation	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	2000	Mass and Energy Balances I	Lecture	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	Lecture	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 Foundations - Advanced Writing status. Specific instruction in technical communication will be presented, and students complete multiple writing assignments.								
ENT	CHE	CHE	2900	Special Topics in Chemical Engineering	Lecture	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	Lecture	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	Recitation	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	CHE	CHE	3400	Chemical Engineering Fluid Mechanics	Recitation	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	3500	Chemical Engineering Heat Transfer	Lecture	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:		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	3500	Chemical Engineering Heat Transfer	Recitation	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:		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	3600	Chemical Engineering Mass Transfer and Separations	Lecture	3	0		N	U30		0
		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.								
ENT	CHE	CHE	3600	Chemical Engineering Mass Transfer and Separations	Recitation	3	0		N	U30		0
		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.								
ENT	CHE	CHE	3700	Chemical Reaction Engineering	Lecture	3	0		N	U30		0
		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.								
ENT	CHE	CHE	3700	Chemical Reaction Engineering	Recitation	3	0		N	U30		0
		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.								
ENT	CHE	CHE	3800	Chemical Engineering Modeling and Applied Calculations	Lecture	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	3800	Chemical Engineering Modeling and Applied Calculations	Recitation	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	Lecture	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	4040	Chemical Engineering Ethical Reasoning and Cultural Competence	Lecture	2	0	BDP; BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 3600 and 3700 and 3800						
		COURSE DESC:		Case studies and discussion of professional and ethical responsibilities including appreciation of, and support for, a diverse workplace; Impact of engineering solutions in a global, societal and multi-cultural context; the need for lifelong learning and knowledge of contemporary issues; multi-cultural knowledge and competence.								
ENT	CHE	CHE	4110	Unit Operations Lab I	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 2010, 3600, 3700, & 3800						
		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. Emphasis is placed on effective technical writing. This course is designated as a Foundations - Advanced Writing course.								
ENT	CHE	CHE	4110	Unit Operations Lab I	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 2010, 3600, 3700, & 3800						
		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. Emphasis is placed on effective technical writing. This course is designated as a Foundations - Advanced Writing course.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	CHE	CHE	4120	Unit Operations Lab II	Laboratory	3	0	BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 4110 and CHE4300								
		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	Lecture	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	Recitation	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	Lecture	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. Application of skills from previous required courses is utilized. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria. The year-long senior design project is started.								
ENT	CHE	CHE	4300	Chemical Engineering Process Design I	Recitation	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. Application of skills from previous required courses is utilized. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria. The year-long senior design project is started.								
ENT	CHE	CHE	4310	Chemical Engineering Process Design II	Lecture	3	0	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 4300								
		COURSE DESC:		Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Design of a full-scale chemical process is completed, encompassing technical feasibility, economics, safety and community impact.								
ENT	CHE	CHE	4310	Chemical Engineering Process Design II	Recitation	3	0	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 4300								
		COURSE DESC:		Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Design of a full-scale chemical process is completed, encompassing technical feasibility, economics, safety and community impact.								
ENT	CHE	CHE	4400	Advanced Topics in Materials Science and Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2300								
		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.								
ENT	CHE	CHE	4410L	Materials Characterization Laboratory	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2300								
		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.								
ENT	CHE	CHE	4420	Metallic Corrosion	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ET 2300								
		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.								
ENT	CHE	CHE	4430	Polymer Synthesis & Properties	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3210 or CHEM 4530								
		COURSE DESC:		In depth study of polymer structure, reaction mechanics, and reaction kinetics. Presentation of ploymer reactors, processing, and properties.								
ENT	CHE	CHE	4500	Coal Conversion Technologies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 3600 and 3700								
		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.								
ENT	CHE	CHE	4520	Analysis of Electrochemical Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520, ChE 2010, and ET 3200								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	4530	Alternative Fuels and Renewable Energy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200								
		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.								
ENT	CHE	CHE	4610	Atmospheric Chemistry	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520 and MATH 3400 and PHYS 2051 or PHYS 2054 and PHYS 2055								
		COURSE DESC:		Fundamental chemistry of the troposphere and stratosphere. Emissions, transport, sources, and sinks of pollutants in the atmosphere. Air quality regulations and monitoring.								
ENT	CHE	CHE	4800	Biochemical Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 2010 and (BIOS 1700 or PBI0 1140)								
		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.								
ENT	CHE	CHE	4820	Nano- and Biointerfaces	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 2010 and ET 3200								
		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	CHE	4830	Applied Cellular and Molecular Biology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 2010 and (BIOS 1700 or PBI0 1140)								
		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	CHE	4840	Applied Immunology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or PBI0 1140								
		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	CHE	4900	Special Topics in Chemical Engineering	Lecture	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 Study	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 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 Study	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 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.)								
ENT	CHE	CHE	4933	Independent Study - Chemical Engineering: Biological Track	Ind Study	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 Study	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	4941	Intercollegiate Engineering Design Competition	Research	1 to 2	999	BLD	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	Lecture	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	Lecture	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	Recitation	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	Lecture	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	Recitation	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	Lecture	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.								
ENT	CHE	CHE	5012D	Chemical Engineering Fluid Mechanics	Recitation	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.								
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
ENT	CHE	CHE	5013D	Chemical Engineering Heat Transfer	Recitation	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
ENT	CHE	CHE	5014D	Chemical Engineering Mass Transfer and Separations	Recitation	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	5015D	Chemical Engineering Modeling and Applied Calculations	Recitation	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	Laboratory	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. Emphasis is placed on effective technical writing. This course is designated as a Foundations - Advanced Writing course.								
ENT	CHE	CHE	5016D	Unit Operations Lab I	Lecture	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. Emphasis is placed on effective technical writing. This course is designated as a Foundations - Advanced Writing course.								
ENT	CHE	CHE	5017D	Unit Operations Lab II	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5018D	Process Control and Simulation	Lecture	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	Recitation	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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. Application of skills from previous required courses is utilized. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria. The year-long senior design project is started.								
ENT	CHE	CHE	5019D	Chemical Engineering Process Design I	Recitation	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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. Application of skills from previous required courses is utilized. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria. The year-long senior design project is started.								
ENT	CHE	CHE	5020D	Chemical Engineering Process Design II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Design of a full-scale chemical process is completed, encompassing technical feasibility, economics, safety and community impact.								
ENT	CHE	CHE	5020D	Chemical Engineering Process Design II	Recitation	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Design of a full-scale chemical process is completed, encompassing technical feasibility, economics, safety and community impact.								
ENT	CHE	CHE	5400	Advanced Topics in Materials Science and Engineering	Lecture	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.								
ENT	CHE	CHE	5410L	Materials Characterization Laboratory	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	5420	Metallic Corrosion	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
ENT	CHE	CHE	5430	Polymer Synthesis & Properties	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		In depth study of polymer structure, reaction mechanics, and reaction kinetics. Presentation of ploymer reactors, processing, and properties.								
ENT	CHE	CHE	5500	Coal Conversion Technologies	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
ENT	CHE	CHE	5520	Analysis of Electrochemical Systems	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	CHE	CHE	5530	Alternative Fuels and Renewable Energy	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
ENT	CHE	CHE	5610	Atmospheric Chemistry	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
ENT	CHE	CHE	5800	Biochemical Engineering	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
ENT	CHE	CHE	5900	Special Topics in Chemical Engineering	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	6900	Special Topics in Chemical Engineering	Lecture	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	Field	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	Research	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Research in chemical engineering								
ENT	CHE	CHE	6950	Thesis	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Masters thesis research.								
ENT	CHE	CHE	7100	Advanced Chemical Engineering Mathematics	Lecture	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	Lecture	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	Lecture	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.								
ENT	CHE	CHE	7420	Advanced Corrosion	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	1 to 5	99		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Ph.D.-level study in a particular field of chemical engineering.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	CHE	8940	Research in Chemical Engineering	Research	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Research in chemical engineering.								
ENT	CHE	CHE	8950	Dissertation	Thesis	.5 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:								
		COURSE DESC:		PR, F PhD. dissertation research.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	1400	Fundamentals of Computing	Lecture	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	Laboratory	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 various fields. Basic programming and program structure. Primitive data types. Structured programming and control structures. Object oriented programming and classes. Command line and graphical user interfaces. Computer solution to a variety of problems using the Java programming language.								
ENT	EECS	CS	2300	Computer Programming in JAVA	Lecture	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 various fields. Basic programming and program structure. Primitive data types. Structured programming and control structures. Object oriented programming and classes. Command line and graphical user interfaces. Computer solution to a variety of problems using the Java programming language.								
ENT	EECS	CS	2400	Introduction to Computer Science I	Laboratory	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, flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading.								
ENT	EECS	CS	2400	Introduction to Computer Science I	Lecture	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, flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading.								
ENT	EECS	CS	2401	Introduction to Computer Science II	Laboratory	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	Lecture	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	2653	Professional and Ethical Aspects of Computing	Lecture	3	0	BDP; BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400 or Concurrent						
		COURSE DESC:		Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals, both locally and globally. 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.								
				Issues of diversity and practice related to computing and engineering are explored as well, including algorithmic bias. Students explore cultural self-awareness, cultural worldwide frameworks, empathy, verbal and non-verbal communications, curiosity, and openness in the context of a practicing professional in the discipline.								
ENT	EECS	CS	2900	Special Topics in Computer Science	Lecture	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	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		First-year tutorial studies in computer science for HTC students only.								
ENT	EECS	CS	2971T	Computer Science Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CS 2980T and HTC						
		COURSE DESC:		Second-year tutorial studies in computer science for HTC students only.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	2980T	Computer Science Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2970T and HTC								
		COURSE DESC:		CR, PR First-year tutorial studies in computer science for HTC students only.								
ENT	EECS	CS	2981T	Computer Science Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CS 2971T and HTC								
		COURSE DESC:		CR, PR Second-year tutorial studies in computer science for HTC students only.								
ENT	EECS	CS	3000	Introduction to Discrete Structures	Lecture	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	Recitation	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 or concurrent								
		COURSE DESC:		A hands-on introduction to the science of programming and programming languages, including topics such as: structured data and pattern-matching, recursive and polymorphic data, recursion and higher-order functions, lazy evaluation and streams, automated and equational reasoning about programs, concrete and abstract syntax, grammars, interpreters, desugaring, types and type-checking, type safety, mutable state, references, and objects. Over the course of the semester, students build interpreters and type checkers for a series of increasingly complex languages.								
ENT	EECS	CS	3560	Software Engineering Tools and Practices	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 or concurrent								
		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	Lecture	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	Recitation	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	Tutorial	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	Tutorial	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	Lecture	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, along with enabling technologies (e.g., networking). 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	4040	Design and Analysis of Algorithms	Lecture	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.								
ENT	EECS	CS	4060	Computation Theory	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3000								
		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	4100	Introduction to Formal Languages and Compilers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3200 and 3610								
		COURSE DESC:		A course on formal languages theory and compilers. Topics may include, but are not limited to: regular expressions; finite automata; context-free grammars; predictive parsing; LR parsing; abstract syntax; type systems and type-checking; stack layout and activation records; intermediate representations; control-flow graphs; static-single assignment (SSA) form; dataflow/liveness analysis; register allocation; garbage collection/runtimes; the LLVM compiler infrastructure. Over the course of the semester, students will implement a compiler for a small imperative programming language, targeting an intermediate representation such as LLVM. This course involves a significant amount of programming.								
ENT	EECS	CS	4120	Parallel Computing I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and 4000								
		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	4160	Problem Solving with Bioinformatics Tools	Lecture	3	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): P BIO 4160								
		COURSE DESC:		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	4170	Data Mining With Applications in the Life Sciences	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 or P BIO 4160								
		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	4180	Statistical Foundation for Bioinformatics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 4170 and EE 3713 and (CS 4160 or P BIO 4160)								
		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	4201	Software Verification	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3200								
		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.								
ENT	EECS	CS	4250	Interactive Computer Graphics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and (MATH 3200 or 3210)								
		COURSE DESC:		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	4350	Fundamentals of Game Engine Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610								
		COURSE DESC:		This course provides an introduction to various aspects of game engine design. Topics include: audio, physics, networking, importing multimedia, terrain formats, GUIs, voice communications, virtual reality, and optimization techniques, with an emphasis on build systems and integration of third party libraries.								
ENT	EECS	CS	4420	Operating Systems	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and EE 3613 and 3954 or CS 361 and EE 395A								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	EECS	CS	4440	Data Communications	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 4420								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3560								
		COURSE DESC:		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	Lecture	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3560 and 3610) and Sr only								
		COURSE DESC:		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	Lecture	3	0	BSL	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	4770	Introduction to Computer Software Security for Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 3610 and 3560								
		COURSE DESC:		This course is intended to serve as an elective for upper-level undergraduate students in computer science and electrical engineering, and for graduate students in computer science, and electrical engineering. It covers selected up-to-date topics in computer security, including defining threats to computer and network systems, evaluating the relative risks of these threats, and the development of cost-effective countermeasures.								
				The course discusses basic principles that appear repeatedly as themes, including those related to authentication and access control, particularly in the context of operating systems and other computing applications. Different approaches to meeting computer security requirements, as well as increasingly important security standards are covered. This course has a special focus on low-level fundamentals of the Security Discipline such as the mathematical basis for Cryptography. This is accompanied by a series of real-world applications and hands on programming assignments.								
ENT	EECS	CS	4800	Artificial Intelligence	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 3000 or MATH 3050) and CS 2401								
		COURSE DESC:		This course covers the fundamental underpinnings of Artificial Intelligence (AI), including knowledge representation and search. It introduces AI applications and the AI programming languages, LISP and Prolog. Potential societal benefits and detriments of AI technology are discussed.								

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COURSE LISTING
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ENT	EECS	CS	4830	Machine Learning	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 3610 and C or better in (MATH 3200 or 3210)						
		COURSE DESC:		This course covers classification, regression and clustering algorithms, as well as introductory concepts in reinforcement learning. Topics include perceptrons, logistic regression, linear regression, Naive Bayes, nearest neighbors, Support Vector Machines, and Q-learning. The description of the formal properties of the algorithms are supplemented with motivating applications in a wide range of areas including natural language processing, computer vision, bioinformatics, and music analysis.								
ENT	EECS	CS	4900	Special Topics in Computer Science	Lecture	1 to 4	8		I	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.							
ENT	EECS	CS	4970T	Computer Science Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CS 3980T and HTC						
		COURSE DESC:		CR, PR	Fourth-year HTC tutorial studies in computer science.							
ENT	EECS	CS	4980T	Computer Science Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CS 4970T and HTC						
		COURSE DESC:		CR, PR	Fourth-year HTC tutorial studies in computer science.							
ENT	EECS	CS	5000D	Introduction to Discrete Structures	Lecture	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	Recitation	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	Lecture	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	Lecture	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	5100	Introduction to Formal Languages and Compilers	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		A course on formal languages theory and compilers. Topics may include, but are not limited to: regular expressions; finite automata; context-free grammars; predictive parsing; LR parsing; abstract syntax; type systems and type-checking; stack layout and activation records; intermediate representations; control-flow graphs; static-single assignment (SSA) form; dataflow/liveness analysis; register allocation; garbage collection/runtimes; the LLVM compiler infrastructure. Over the course of the semester, students will implement a compiler for a small imperative programming language, targeting an intermediate representation such as LLVM. This course involves a significant amount of programming.								
ENT	EECS	CS	5120	Parallel Computing I	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit for this course if taken after the following: PBIO 5160						
		COURSE DESC:		Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	5170	Data Mining With Applications in the Life Sciences	Lecture	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	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		A hands-on introduction to the science of programming and programming languages, including topics such as: structured data and pattern-matching, recursive and polymorphic data, recursion and higher-order functions, lazy evaluation and streams, automated and equational reasoning about programs, concrete and abstract syntax, grammars, interpreters, desugaring, types and type-checking, type safety, mutable state, references, and objects. Over the course of the semester, students build interpreters and type checkers for a series of increasingly complex languages.								
ENT	EECS	CS	5201	Software Verification	Lecture	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.								
ENT	EECS	CS	5350	Fundamentals of Game Engine Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides an introduction to various aspects of game engine design. Topics include: audio, physics, networking, importing multimedia, terrain formats, GUIs, voice communications, virtual reality, and optimization techniques, with an emphasis on build systems and integration of third party libraries.								
ENT	EECS	CS	5420	Operating Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5610D	Data Structures	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	5610D	Data Structures	Recitation	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
ENT	EECS	CS	5620	Database Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	G40		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): 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	Lecture	4	0		N	G40		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): 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	5770	Introduction to Computer Software Security for Engineering	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course is intended to serve as an elective for upper-level undergraduate students in computer science and electrical engineering, and for graduate students in computer science, and electrical engineering. It covers selected up-to-date topics in computer security, including defining threats to computer and network systems, evaluating the relative risks of these threats, and the development of cost-effective countermeasures. The course discusses basic principles that appear repeatedly as themes, including those related to authentication and access control, particularly in the context of operating systems and other computing applications. Different approaches to meeting computer security requirements, as well as increasingly important security standards are covered. This course has a special focus on low-level fundamentals of the Security Discipline such as the mathematical basis for Cryptography. This is accompanied by a series of real-world applications and hands on programming assignments.								
ENT	EECS	CS	5800	Artificial Intelligence	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course covers the fundamental underpinnings of Artificial Intelligence (AI), including knowledge representation and search. It introduces AI applications and the AI programming languages, LISP and Prolog. Potential societal benefits and detriments of AI technology are discussed.								
ENT	EECS	CS	5830	Machine Learning	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course covers classification, regression and clustering algorithms, as well as introductory concepts in reinforcement learning. Topics include perceptrons, logistic regression, linear regression, Naive Bayes, nearest neighbors, Support Vector Machines, and Q-learning. The description of the formal properties of the algorithms are supplemented with motivating applications in a wide range of areas including natural language processing, computer vision, bioinformatics, and music analysis.								
ENT	EECS	CS	5900	Special Topics in Computer Science	Lecture	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CS 5040 or 5060 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CS 5040 or 5060 Topics in the theory of parallel computation are 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CS 5060 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CS	6120	Real Time Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	6410	Medical Image Analysis	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CS 5440							
				High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.								
ENT	EECS	CS	6571	Software Specification	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CS 5560							
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CS 6571							
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CS 6571							
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CS 5800							
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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

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ENT	EECS	CS	6840	Natural Language Processing	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Natural Language Processing (NLP) is a branch of Artificial Intelligence that focuses on the design of computer systems for processing, understanding, or communicating in natural language. This graduate level course covers statistical and machine learning approaches for solving fundamental tasks in NLP, such as language modeling, part of speech tagging, syntactic parsing, word sense disambiguation, semantic role labeling, coreference resolution, and semantic parsing. Students will also learn about major applications of NLP, including information retrieval and web search, information extraction, question answering, machine translation, sentiment analysis, text mining, and speech recognition.								
ENT	EECS	CS	6850	Image Understanding	Lecture	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	Lecture	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. The course focuses 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 also covers more advanced topics in information retrieval, including document categorization and clustering, recommender systems, collaborative filtering, and personalized search.								
ENT	EECS	CS	6890	Deep Learning	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 6830 or permission						
		COURSE DESC:		This course will introduce the multi-layer perceptron, a common deep learning architecture, and its gradient-based training through the backpropagation algorithm. Fully connected neural networks will be followed by more specialized neural network architectures such as convolutional neural networks (for images), recurrent neural networks (for sequences), and memory-augmented neural networks. The later part of the course will explore more advanced topics, such as generative adversarial networks and deep reinforcement learning. The lectures will cover theoretical aspects of deep learning models, whereas homework assignments will give students the opportunity to build and experiment with shallow and deep learning models, for which skeleton code will be provided.								
ENT	EECS	CS	6900	Special Topics in Computer Science	Lecture	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	Internship	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 Study	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	Research	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Research in computer science. Variable topics.								
ENT	EECS	CS	6950	Thesis	Thesis	.5 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Thesis research and writing in computer science.								
ENT	EECS	CS	6980	Graduate Research Seminar	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F Research seminar for graduate students in computer science.								
ENT	EECS	CTCH	1250	Introduction to Computers	Lecture	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.								
ENT	EECS	CTCH	1270	Introduction to Website Management	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CTCH	1300	Technologies for Project Planning and Communication	Lecture	3	0		N	U20		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.								
ENT	EECS	CTCH	1330	Introduction to Computer Programming	Laboratory	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.								
ENT	EECS	CTCH	1330	Introduction to Computer Programming	Lecture	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.								
ENT	EECS	CTCH	1600	Network Concepts I	Lecture	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.								
ENT	EECS	CTCH	1610	Network Concepts II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (CTCH 1600 or 1891)								
		COURSE DESC:		Explores concepts and principles of computer networks. Topics include uses of computer networks, network basics, building a network, network management, and network security.								
ENT	EECS	CTCH	1620	Network Systems I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CTCH 1610								
		COURSE DESC:		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.								
ENT	EECS	CTCH	1630	Network Systems II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CTCH 1620								
		COURSE DESC:		Explores concepts and principles of WAN and Internet. Topics include the standards, technologies, infrastructure, protocols, management, and security of WAN and Internet.								
ENT	EECS	CTCH	1710	Social Media Content Creation	Lecture	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.								
ENT	EECS	CTCH	1801	Introduction to Microsoft Word	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for CTCH 1250 or BMT 2000								
		COURSE DESC:		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.								
ENT	EECS	CTCH	1802	Intermediate Microsoft Word	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Gives students the knowledge to create complex documents in Microsoft Word.								
ENT	EECS	CTCH	1803	Advanced Microsoft Word	Lecture	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.								
ENT	EECS	CTCH	1804	Introduction to Microsoft Excel	Lecture	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								
ENT	EECS	CTCH	1805	Intermediate Microsoft Excel	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CTCH	1806	Advanced Microsoft Excel	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Presents the experienced Microsoft Office Excel user with advanced skills.								
ENT	EECS	CTCH	1807	Introduction to Microsoft Access	Lecture	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								
ENT	EECS	CTCH	1808	Intermediate Microsoft Access	Lecture	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.								
ENT	EECS	CTCH	1809	Advanced Microsoft Access	Lecture	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.								
ENT	EECS	CTCH	1821	Introduction to Microsoft PowerPoint	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Introduces basic skills in the use of Microsoft PowerPoint including the use of slide templates, master slides, transitions, text, graphics, and multimedia.								
ENT	EECS	CTCH	1822	Intermediate MS PowerPoint	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.								
ENT	EECS	CTCH	1823	Creating Interactive Teaching Slides	Lecture	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.								
ENT	EECS	CTCH	1824	Introduction to Home Networks	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
ENT	EECS	CTCH	1825	Introduction to Microsoft Project	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.								
ENT	EECS	CTCH	1891	Internetworking I	Lecture	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 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.								
ENT	EECS	CTCH	1892	Internetworking II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C or better in CTCH 1891 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.								
ENT	EECS	CTCH	1893	Internetworking III	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C or better in CTCH 1892 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.								
ENT	EECS	CTCH	1894	Internetworking IV	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C or better in CTCH 1893 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.								
ENT	EECS	CTCH	1900	Special Topics and Workshops	Lecture	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Special topics and workshops in introductory computer science topics.								
ENT	EECS	CTCH	2140	Computer System Maintenance and Troubleshooting	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								

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COURSE LISTING
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ENT	EECS	CTCH	2300	Human and Computer Interaction	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Human and computer interaction is a discipline concerned with the design, evaluation and implementation of systems that require interactivity between people and computer systems. This course is an introduction to the field of study discussing the attributes, methods, and processes of human and computer interactive systems. Students apply methodologies to design a usable human and computer interactive system.								
ENT	EECS	CTCH	2330	Survey of Emerging Languages	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Study of new emerging programming languages and frameworks.								
ENT	EECS	CTCH	2340	COBOL Programming I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2341	COBOL Programming II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Continuation of CTCH 3400 with emphasis on table handling and file processing.								
ENT	EECS	CTCH	2380	Assembler Programming	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2400	C++ Programming	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2410	Visual BASIC Programming	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.								
ENT	EECS	CTCH	2420	Java Programming	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.								
ENT	EECS	CTCH	2430	C Programming	Lecture	3	0		N	U20		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2500	System Analysis	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.								
ENT	EECS	CTCH	2640	Computer and Network Security	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2650	Network Design and Implementation	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Focuses on the design, installation, configuration, and management of a computer network. Also covers emerging technologies for network infrastructure and development.								
ENT	EECS	CTCH	2660	Wireless Systems	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	EECS	CTCH	2670	Introduction to Cloud Computing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the fundamental concepts of cloud computing and how it differs from past information technology models. Cloud computing data storage, virtual servers, networks, and databases are covered. Other topics include security, load balancing, and auto scaling. Students access cloud based service providers and develop new skills by working with new or improved technologies.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	CTCH	2700	Network Management and Administration	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CTCH 1600 or 1891						
		COURSE DESC:		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.								
ENT	EECS	CTCH	2800	Operating Systems	Lecture	3	0		N	U20		0
		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.								
ENT	EECS	CTCH	2801	Creating eBooks	Lecture	1	0		N	U20		0
		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.								
ENT	EECS	CTCH	2802	Introduction to Google Docs	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to the free online document creation and editing tools available through Google Docs.								
ENT	EECS	CTCH	2803	Safe Facebooking	Lecture	1	0		N	U20		0
		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.								
ENT	EECS	CTCH	2804	Photoshop: Basic Correction Techniques	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduces the student to Photoshop software for enhancing photographs.								
ENT	EECS	CTCH	2805	Photoshop Artistic Enhancements	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Presents to the novice Photoshop user intermediate skills such as artistic filters and enhanced image composition.								
ENT	EECS	CTCH	2850	Database Management Systems	Lecture	3	0		N	U20		0
		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.								
ENT	EECS	CTCH	2860	Database Application Development	Lecture	3	0		N	U20		0
		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.								
ENT	EECS	CTCH	2870	Database Administration	Lecture	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.								
ENT	EECS	CTCH	2900	Special Topics	Lecture	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.								
ENT	EECS	CTCH	2920	Practicum	Practicum	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:		CR Practicum content varies								
ENT	EECS	EE	1014	Introduction to Electrical Engineering	Laboratory	4	0		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	Lecture	4	0		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®.								

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COURSE LISTING
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ENT	EECS	EE	1024	Introduction to Computer Engineering	Laboratory	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.								
ENT	EECS	EE	1024	Introduction to Computer Engineering	Lecture	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.								
ENT	EECS	EE	2104	Circuits I	Lecture	4	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent)								
				COURSE DESC: 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.								
ENT	EECS	EE	2104	Circuits I	Recitation	4	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent)								
				COURSE DESC: 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.								
ENT	EECS	EE	2114	Circuits II	Laboratory	4	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in EE 2104 and EE 2213								
				COURSE DESC: 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.								
ENT	EECS	EE	2114	Circuits II	Lecture	4	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: C or better in EE 2104 and EE 2213								
				COURSE DESC: 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.								
ENT	EECS	EE	2213	Instrumentation Laboratory	Laboratory	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2104 or concurrent								
				COURSE DESC: 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.								
ENT	EECS	EE	2213	Instrumentation Laboratory	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2104 or concurrent								
				COURSE DESC: 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.								
ENT	EECS	EE	2324	Analytical Foundations of Electrical Engineering	Lecture	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	Recitation	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	Lecture	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	Laboratory	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3143	Basic Electrical Engineering II 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3214	Electromagnetics and Materials I 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.	Lecture	4	0		N	U30		0
ENT	EECS	EE	3214	Electromagnetics and Materials I 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.	Recitation	4	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.	Laboratory	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.	Lecture	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.	Lecture	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.	Recitation	4	0		N	U30		0
ENT	EECS	EE	3343	Electronics I ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2324 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.	Laboratory	3	0		N	U30		0
ENT	EECS	EE	3343	Electronics I ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2324 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.	Lecture	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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3613	Computer Organization ELIGIBLE GRADES: GEC1: A-F REQUISITE: CS 2400 and EE 1024 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3713	Applied Probability and Statistics for Electrical Engineers ELIGIBLE GRADES: GEC1: A-F REQUISITE: MATH 2302 and WARNING: No credit if taken after ISE 3210 COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.	Lecture	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3753	Introduction to Computer Networks ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3713 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3954	Microprocessors and Microcontrollers ELIGIBLE GRADES: GEC1: A-F REQUISITE: (CS 210 or 240A or 2400) and (EE 1024 or 102) 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.	Laboratory	4	0		N	U30		0
ENT	EECS	EE	3954	Microprocessors and Microcontrollers ELIGIBLE GRADES: GEC1: A-F REQUISITE: (CS 210 or 240A or 2400) and (EE 1024 or 102) 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.	Lecture	4	0		N	U30		0
ENT	EECS	EE	3963	Electric Machines ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 2114 or ET 3132 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3973	Electronics II ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3343 COURSE DESC: Continuation of EE 3343. Semiconductor devices. AC-coupled amplifiers. Feedback. Differential amplifiers. Oscillators. Power devices.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4053	Physical and Power Electronics ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 4313 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4143	Design of Digital Circuits ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 1024 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4183	Micro and Nano Fabrication ELIGIBLE GRADES: GEC1: A-F REQUISITE: CHEM 151 or 1510 and PHYS 2051 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4213	Feedback Control Theory ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3334 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4290	Mechanics and Control of Robotic Manipulators 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4290A	Honors Experience: Mechanics & Control of Robotic Manipulators ELIGIBLE GRADES: GEC7: CR, F, REQUISITE: ME/EE 4290 concurrent and student in the OHIO Honors program NC COURSE DESC: OHIO Honors curricula experience in Mechanics and Control of Robotic Manipulators.	Ind Study	0	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4323	Solar Cell and Photovoltaics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Students in this course study the basic scientific and technological aspects relevant to physics of classic and novel nano-structured materials in photovoltaic devices; physical models of solar cell operation; characteristics and design of common types of solar cells; approaches to increasing solar cell efficiency; engineering of the large-area solar cell modules using single and multi-junction solar cells; stand-alone and grid connected PV module design and components and PV economic analysis. The focus is on the latest knowledge of the mechanisms of solar energy conversion and concepts of standard and novel solar cell devices and PV modules engineering and applications. Examples of recent photovoltaic systems are presented and analyzed, helping students to understand the factors driving conversion efficiency and to stimulate them to apply this knowledge to their own solar cell development ideas. The course provides principles that are developed with the minimum of mathematics and with the emphasis on physical concepts and applications.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4403	Antenna and Microwave Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4673	Embedded Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4683	Computer Architecture ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4713	Communication Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4773	Foundations of Hardware Security ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course covers basic concepts in hardware security, which is different from software, network and systems security. Lab sessions give students hands on experience with performing attacks, developing countermeasures, and implementing secure hardware building blocks. Students are expected to have basic knowledge of digital logic and Register-Transfer Level (RTL) design, but no specific background in security/cryptography is necessary. Contemporary issues including recent research in hardware security are discussed.	Laboratory	3	0		N	U30		0
ENT	EECS	EE	4773	Foundations of Hardware Security ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The course covers basic concepts in hardware security, which is different from software, network and systems security. Lab sessions give students hands on experience with performing attacks, developing countermeasures, and implementing secure hardware building blocks. Students are expected to have basic knowledge of digital logic and Register-Transfer Level (RTL) design, but no specific background in security/cryptography is necessary. Contemporary issues including recent research in hardware security are discussed.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4853	Electronic Navigation Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, ILS, MLS, GPS, and air traffic control.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4900	Special Topics in Electrical Engineering ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Selected topics of current interest in electrical engineering.	Lecture	1 to 6	6		I	U30		0
ENT	EECS	EE	4913	Programmable Logic Controllers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.	Laboratory	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	4913	Programmable Logic Controllers	Lecture	3	0		N	U30		0
				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.								
ENT	EECS	EE	4953	Electrical and Computer Engineering Capstone Design I	Laboratory	3	0		N	U30		0
				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.								
ENT	EECS	EE	4953	Electrical and Computer Engineering Capstone Design I	Lecture	3	0		N	U30		0
				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.								
ENT	EECS	EE	4963	Electrical and Computer Engineering Capstone Design II	Lecture	3	0	BLD; BSL; CAP	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 4953								
				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.								
ENT	EECS	EE	5003	Computational Tools for Engineers	Lecture	3	0		N	G50		0
				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.								
ENT	EECS	EE	5053	Physical and Power Electronics	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5313 or 6333 or 6183								
				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.								
ENT	EECS	EE	5143	Design of Digital Circuits	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				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.								
ENT	EECS	EE	5183	Micro and Nano Fabrication	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				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.								
ENT	EECS	EE	5213	Feedback Control Theory	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				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.								
ENT	EECS	EE	5290	Mechanics and Control of Robotic Manipulators	Lecture	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	EECS	EE	5313	Optoelectronics and Photonics	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	5323	Solar Cell and Photovoltaics ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: Students in this course study the basic scientific and technological aspects relevant to physics of classic and novel nano-structured materials in photovoltaic devices; physical models of solar cell operation; characteristics and design of common types of solar cells; approaches to increasing solar cell efficiency; engineering of the large-area solar cell modules using single and multi-junction solar cells; stand-alone and grid connected PV module design and components and PV economic analysis. The focus is on the latest knowledge of the mechanisms of solar energy conversion and concepts of standard and novel solar cell devices and PV modules engineering and applications. Examples of recent photovoltaic systems are presented and analyzed, helping students to understand the factors driving conversion efficiency and to stimulate them to apply this knowledge to their own solar cell development ideas. The course provides principles that are developed with the minimum of mathematics and with the emphasis on physical concepts and applications.								
ENT	EECS	EE	5403	Microwave Theory and Devices ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F 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.								
ENT	EECS	EE	5523	Introduction to Electric Power System Engineering and Analysis ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.								
ENT	EECS	EE	5673	Embedded Systems ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F 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.								
ENT	EECS	EE	5683	Computer Architecture ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F 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.								
ENT	EECS	EE	5713	Communication Engineering ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F 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.								
ENT	EECS	EE	5753	Computer Network Communication ELIGIBLE GRADES: COURSE DESC:	Lecture	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	5773	Foundations of Hardware Security ELIGIBLE GRADES: COURSE DESC:	Laboratory	3	0		N	G50		0
				GEC1: A-F REQUISITE: The course covers basic concepts in hardware security, which is different from software, network and systems security. Lab sessions give students hands on experience with performing attacks, developing countermeasures, and implementing secure hardware building blocks. Students are expected to have basic knowledge of digital logic and Register-Transfer Level (RTL) design, but no specific background in security/cryptography is necessary. Contemporary issues including recent research in hardware security are discussed.								
ENT	EECS	EE	5773	Foundations of Hardware Security ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: The course covers basic concepts in hardware security, which is different from software, network and systems security. Lab sessions give students hands on experience with performing attacks, developing countermeasures, and implementing secure hardware building blocks. Students are expected to have basic knowledge of digital logic and Register-Transfer Level (RTL) design, but no specific background in security/cryptography is necessary. Contemporary issues including recent research in hardware security are discussed.								
ENT	EECS	EE	5853	Electronic Navigation Systems ELIGIBLE GRADES: COURSE DESC:	Lecture	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, ILS, MLS, GPS, and air traffic control.								
ENT	EECS	EE	5900	Special Topics in Electrical Engineering ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 6	6		N	G50		0
				GEC1: A-F REQUISITE: Selected topics of current interest in electrical engineering.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6013	Electromagnetic Wave Propagation in Electronic Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6023	Radar Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6033	Inertial Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: Graduate Standing COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6053	Satellite-Based Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6063	Integrated Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 6033 and 6053 COURSE DESC: Theoretical development of positioning and navigation with multiple sensors; basics of estimation theory; complementary filters, least squares estimators, Kalman filters used for navigation purposes; GPS/INS integration.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6073	Navigation Receiver Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: Graduate Status COURSE DESC: 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®.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6083	Aviation Standards, Software Design and certification ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6103	Vehicle Control ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 6283 COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6133	High Accuracy Satellite Navigation Systems ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 6053 or 605 COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6153	VLSI Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5143 COURSE DESC: 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.	Laboratory	3	4		N	G50		0
ENT	EECS	EE	6153	VLSI Systems Design ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 5143 COURSE DESC: 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.	Lecture	3	4		N	G50		0

**MASTER CURRICULUM FILE
COURSE LISTING
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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).	Lecture	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.	Lecture	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).	Lecture	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.	Lecture	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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6323	Integrated optics and passive 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 basic elements of passive 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 specific devices and practical applications. Modulation of the optical field through acousto-optic and electro-optic effects is studied, as well as the current technology of these structures. Light detectors are presented, focusing on the theory of light-matter interaction and operation of various light detection systems. The detection of light is presented with an analysis of sensors as integrated detectors. Finally, recent progresses in integrated optics and novel concepts are studied to motivate research in these areas.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6333	Integrated Optoelectronics and Photonics GEC1: A-F REQUISITE: EE 5313 Course focuses on the underlying physics and engineering behind devices that drive today's optoelectronics technology. In this course students study important details of structural properties, band structure, electrical transport, and optical and magnetic properties of contemporary semiconductor structures. Effects of dimensional physics and strain, two important driving forces in modern technology, will be emphasized and discussed in the light of layered structures. Furthermore, students will have an opportunity to focus on selected topics including: elected advanced concepts in semiconductor band structure, energy transfer, defects, impurities/doping, spontaneous material polarization, electro-optic and magneto-optic effects. These are the key modern semiconductor concepts relevant to active novel optoelectronic devices. The course will have a format of recitation and discussion. Students will be required to use programming tools to solve more mathematically complex problems.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6343	Modern Optical Materials and Devices GEC1: A-F REQUISITE: EE 6333 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.	Lecture	3	0		N	G50		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6413	Advanced Antenna Theory ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6473	Computational Methods in Electromagnetics ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6523	Design and Control of Manufacturing Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6633	Architecture of Parallel Computers ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of advanced superscalar and multithreaded architectures, cache hierarchies and shared memory architectures for multicores.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6643	Digital Image Processing ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6653	Computer Vision ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6663	Pattern Recognition ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6673	Interconnection Networks for High-Performance Computing Systems ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of interconnection networks for high-performance computing (HPC) systems and multi-cores at on-chip, inter-chip and inter-rack levels.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6713	Digital Signal Processing ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6723	Digital Communications ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	6733	Advanced Topics in Signal Processing ELIGIBLE GRADES: GEC1: A-F 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.	Lecture	3	0		N	G50		0

**MASTER CURRICULUM FILE
COURSE LISTING
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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.	Lecture	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.	Lecture	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.	Lecture	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.	Internship	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 Study	1 to 3	3		N	G50		0
ENT	EECS	EE	6940	MS Research ELIGIBLE GRADES: GEC5: CR, REQUISITE: COURSE DESC: Research related to student thesis, project, or paper.	Research	1 to 18	999		N	G40		0
ENT	EECS	EE	6943	MS Project Report ELIGIBLE GRADES: GEC5: CR, REQUISITE: Permission required COURSE DESC: MS project report.	Studio	1 to 18	18		I	G40		0
ENT	EECS	EE	6950	Thesis ELIGIBLE GRADES: GEC5: CR, REQUISITE: COURSE DESC: MS thesis.	Thesis	.5 to 18	999		N	G40		0
ENT	EECS	EE	6981	Graduate Research Seminar ELIGIBLE GRADES: GEC6: CR, REQUISITE: COURSE DESC: Seminar content varies. Guest speakers, plus student presentations.	Seminar	1	2		N	G50		0
ENT	EECS	EE	7123	Automata Theory 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	7153	VLSI Design of Neural Networks 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.	Lecture	3	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	7183	Reinforcement Learning	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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?								
ENT	EECS	EE	7213	Cognitive Neuroscience and Embodied Intelligence	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: 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	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: 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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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	Lecture	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	Seminar	3	0		N	G50		0
ENT	EECS	EE	8900	Special Topics in Electrical Engineering GEC1: A-F REQUISITE: COURSE DESC: Current developments in electrical engineering. Selected topics offered at instructor discretion.	Lecture	3	6		N	G50		0
ENT	EECS	EE	8940	Doctoral Research GEC5: CR, REQUISITE: PR, F COURSE DESC: Doctoral research.	Research	.5 to 18	999		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	8950	Dissertation	Thesis	.5 to 18	999		N	G50		0
				ELIGIBLE GRADES:								
				GEC5: CR, PR, F	REQUISITE:							
				COURSE DESC:	Doctoral dissertation research and writing.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	1060	Engineering Orientation	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		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	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	Lecture	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		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	Internship	1	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500								
		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	Engineering Programming	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or 1300 or 2301 or (Math placement level 2 or higher)								
		COURSE DESC:		A first course for students with no programming background who intend to use programming tools. The content starts with basic programming structures: data types, variables, program flow and its control, loops, functions, exceptions, classes and modules. Those topics are covered in Python or similar language with coverage of debugging and verification techniques. Then it extends to topics of using programming tools for engineering applications, data analysis, data manipulation, data visualization, with introduction of another tool, Matlab, Excel VBA or similar. By the completion of the course students gain necessary skills to apply modern programming and data techniques in variety of engineering and other disciplines.								
ENT	ENT	ET	2100	Engineering Programming	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1200 or 1300 or 2301 or (Math placement level 2 or higher)								
		COURSE DESC:		A first course for students with no programming background who intend to use programming tools. The content starts with basic programming structures: data types, variables, program flow and its control, loops, functions, exceptions, classes and modules. Those topics are covered in Python or similar language with coverage of debugging and verification techniques. Then it extends to topics of using programming tools for engineering applications, data analysis, data manipulation, data visualization, with introduction of another tool, Matlab, Excel VBA or similar. By the completion of the course students gain necessary skills to apply modern programming and data techniques in variety of engineering and other disciplines.								
ENT	ENT	ET	2200	Statics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2302 and PHYS 2051								
		COURSE DESC:		Laws of equilibrium of forces, friction, centroids, and moment of inertia.								
ENT	ENT	ET	2220	Strength of Materials	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ET 2200								
		COURSE DESC:		Simple stresses and strains, bending, torsion, beam deflection, columns, and combined stresses.								
ENT	ENT	ET	2240	Dynamics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 and (C or better in ET 2200)								
		COURSE DESC:		Motion of particles and rigid bodies, work and energy, impulse and momentum.								
ENT	ENT	ET	2300	Principles of Engineering Materials	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	2400	Fundamentals of Statistics	Lecture	3	0	ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 1300 or 1350 or 2301 and WARNING: No credit if ECON 3810 or GEOG 2710 or GEOL 3050 or ISE 3200 or MATH 2500 or PSY 1110 or QBA 2010								
		COURSE DESC:		This course is an introduction to statistics with goal to prepare students to apply statistics to analyze, evaluate, and quantify data and make decisions about processes and results that they encounter in technology related jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression. Course is open to students of all disciplines and does not require background in sciences and engineering for successful completion.								
ENT	ENT	ET	2450	Engineering Statistics	Lecture	3	0	ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 2301 and WARNING: no credit if taken after GEOL3050, GEOG2710, ISE3040, ISE3200, ET2400, PSY1110, MATH2500, QBA2010, ECON3810								
		COURSE DESC:		This course covers engineering statistics with a goal 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	ENT	ET	2900	Special Topics in Engineering Technology	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ENT	ET	2910	Cooperative Education Field Experience II	Internship	1	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500 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	3132	Basic Electrical Engineering I	Lecture	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	Lecture	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 or 2054 and 2055)								
		COURSE DESC:		Application of thermodynamics to engineering problems, including the first and second laws of thermodynamics.								
ENT	ENT	ET	3300	Engineering Economy	Lecture	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	Lecture	3	0	1J; FAW	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	Internship	1	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500 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	4000	Professional Engineering Fundamentals Review	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Sr only 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	Recitation	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Sr only PR, F								
		COURSE DESC:		Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	4520	Appropriate Technology in Developing Countries	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr only						
		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	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr and Russ College of Engineering and Technology major						
		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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ENT	ET	4910	Cooperative Education Field Experience IV	Internship	1	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	ET 1500						
		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	Internship	1 to 3	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 4521						
		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	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5520	Appropriate Technology in Developing Countries	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5900	Selected Topics	Lecture	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		COURSE DESC:		A typical topic would be Engineering Writing, where students develop the ability to think critically as a professional communicator								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	5950	Robe Leadership Seminar	Seminar	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	6020	Technical Writing Seminar	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	PR, F						
		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	Lecture	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	Lecture	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	ENT	ET	7990	Engineering Synthesis Seminar	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Completion of 20 semester hours of Ph.D. coursework						
		COURSE DESC:		Integration of engineering and technology topics through group discussion with focus on technical communication.								
ENT	ENT	ET	8900	Special Topics in Engineering Technology	Lecture	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	ENT	ET	8940	Doctoral Research	Research	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	PR, F						
		COURSE DESC:		Doctoral-level research in mechanical and systems engineering.								
ENT	ENT	ET	8950	Dissertation	Thesis	.5 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	PR, F						
		COURSE DESC:		Doctoral dissertation research, under the direction of a graduate faculty member.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ENGT	1100	Introduction to Engineering Technology	Lecture	.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduction to career opportunities, job functions, and professional organizations in Engineering Technology. Discussion of curriculum and program procedures.								
ENT	ETM	ENGT	1150	Welding and Fabricating	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
ENT	ETM	ENGT	1150	Welding and Fabricating	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
ENT	ETM	ENGT	1170	Metal Machining I	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.								
ENT	ETM	ENGT	1170	Metal Machining I	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.								
ENT	ETM	ENGT	1190	Manufacturing Materials and Processes	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides an introduction to metal and plastic materials, processes and basic competencies appropriate for a manufacturing technician. Competencies will be developed from material presented in lectures, labs, the text, various assignments, and through hands-on learning experiences.								
ENT	ETM	ENGT	1190	Manufacturing Materials and Processes	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides an introduction to metal and plastic materials, processes and basic competencies appropriate for a manufacturing technician. Competencies will be developed from material presented in lectures, labs, the text, various assignments, and through hands-on learning experiences.								
ENT	ETM	ENGT	1200	Basic Electronics	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				Math placement level 1 or higher or (Math D004 or Math D005)				
		COURSE DESC:		Introduction to direct current (DC) and alternating current (AC) fundamentals. Industry-relevant subject areas such as basic electrical circuits, electrical measurement, circuit analysis, inductance and capacitance, combination circuits, transformers, and characteristics of solid-state components.								
ENT	ETM	ENGT	1200	Basic Electronics	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				Math placement level 1 or higher or (Math D004 or Math D005)				
		COURSE DESC:		Introduction to direct current (DC) and alternating current (AC) fundamentals. Industry-relevant subject areas such as basic electrical circuits, electrical measurement, circuit analysis, inductance and capacitance, combination circuits, transformers, and characteristics of solid-state components.								
ENT	ETM	ENGT	1500	Machine Repair	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
ENT	ETM	ENGT	1500	Machine Repair	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
ENT	ETM	ENGT	1890	Special Topics	Lecture	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	Special topics that are current and relevant to the engineering technology field. May be repeated.							
ENT	ETM	ENGT	2000	Electrical Motors, Control Circuits, and Computers	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				ENGT 1200 or 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.								
ENT	ETM	ENGT	2000	Electrical Motors, Control Circuits, and Computers	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				ENGT 1200 or 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ENGT	2100	Career Preparation in Engineering Technology	Lecture	.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 1100								
				This course covers information on employment opportunities, career enhancement activities, and professional development in Engineering Technology.								
ENT	ETM	ENGT	2170	Computer Numerical Control Machining Principles	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 1100 and ENGT 1190								
				This course covers the study and application of advanced metal machine tool practices including the programming and operation of computer numerical controlled (CNC) milling and lathe equipment.								
ENT	ETM	ENGT	2170	Computer Numerical Control Machining Principles	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 1100 and ENGT 1190								
				This course covers the study and application of advanced metal machine tool practices including the programming and operation of computer numerical controlled (CNC) milling and lathe equipment.								
ENT	ETM	ENGT	2200	Basic Hydraulics and Pneumatics	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005)								
				Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.								
ENT	ETM	ENGT	2200	Basic Hydraulics and Pneumatics	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005)								
				Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.								
ENT	ETM	ENGT	2210	Programmable Logic Controllers 1 and Motor Controls	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2200 or IMT 2200								
				Introduction to motor control principles of electric relay ladder logic using three-phase electric motors found in industrial applications, followed by an introduction to basic PLC programming.								
ENT	ETM	ENGT	2210	Programmable Logic Controllers 1 and Motor Controls	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2200 or IMT 2200								
				Introduction to motor control principles of electric relay ladder logic using three-phase electric motors found in industrial applications, followed by an introduction to basic PLC programming.								
ENT	ETM	ENGT	2211	Programmable Controllers, Instrumentation and Process Control II	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210 or IMT 2210								
				Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.								
ENT	ETM	ENGT	2211	Programmable Controllers, Instrumentation and Process Control II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210 or IMT 2210								
				Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.								
ENT	ETM	ENGT	2230	Automation and Robotics I	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210								
				An introduction to hands-on advanced manufacturing skills replicating industrial production areas involving the preventive maintenance, alignment, and maintenance of an automated industrial manufacturing system followed by an introduction to programming and operation of a robotic cell.								
ENT	ETM	ENGT	2230	Automation and Robotics I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210								
				An introduction to hands-on advanced manufacturing skills replicating industrial production areas involving the preventive maintenance, alignment, and maintenance of an automated industrial manufacturing system followed by an introduction to programming and operation of a robotic cell.								
ENT	ETM	ENGT	2250	Programmable Logic Controllers II and Motor Controls	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210								
				Provides basic principles of single-phase motors, three-phase motors, and variable frequency AC drives. Provides real-world control methods of interfacing basic PLC programming to industrial manufacturing applications consisting of timer instructions, counter instructions and event sequencing.								
ENT	ETM	ENGT	2250	Programmable Logic Controllers II and Motor Controls	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ENGT 2210								
				Provides basic principles of single-phase motors, three-phase motors, and variable frequency AC drives. Provides real-world control methods of interfacing basic PLC programming to industrial manufacturing applications consisting of timer instructions, counter instructions and event sequencing.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ENGT	2300	Tool Design	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 1170 or 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.								
ENT	ETM	ENGT	2300	Tool Design	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 1170 or 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.								
ENT	ETM	ENGT	2330	Automation and Robotics II	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 2230						
		COURSE DESC:		This course expands on basic robot programming to include position registers, edit commands, and robot I/O. Topics include an introduction to interfacing a PLC to a robot utilizing discrete inputs and outputs as well as basic principles of transferring robot and PLC Programs via an Ethernet Network.								
ENT	ETM	ENGT	2330	Automation and Robotics II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 2230						
		COURSE DESC:		This course expands on basic robot programming to include position registers, edit commands, and robot I/O. Topics include an introduction to interfacing a PLC to a robot utilizing discrete inputs and outputs as well as basic principles of transferring robot and PLC Programs via an Ethernet Network.								
ENT	ETM	ENGT	2400	Materials and Material Testing	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.								
ENT	ETM	ENGT	2400	Materials and Material Testing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.								
ENT	ETM	ENGT	2630	Process Control	Laboratory	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:		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.								
ENT	ETM	ENGT	2630	Process Control	Lecture	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:		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.								
ENT	ETM	ENGT	2750	Self-Directed Work Teams	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
ENT	ETM	ENGT	2750	Self-Directed Work Teams	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
ENT	ETM	ENGT	2850	Lean Enterprise	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 2630						
		COURSE DESC:		This course provides an overview of the structure and tools of Lean, a systematic method for the elimination of waste within a manufacturing system without sacrificing productivity in order to add value to a product or service. Lab activities give students opportunities to recognize forms of waste in a manufacturing process and apply methods used to remove it. Methods covered include Poka Yoke, Why-Why-Why, Value Stream Mapping, Kaizen, Kanban, 5S and Six Sigma.								
ENT	ETM	ENGT	2850	Lean Enterprise	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENGT 2630						
		COURSE DESC:		This course provides an overview of the structure and tools of Lean, a systematic method for the elimination of waste within a manufacturing system without sacrificing productivity in order to add value to a product or service. Lab activities give students opportunities to recognize forms of waste in a manufacturing process and apply methods used to remove it. Methods covered include Poka Yoke, Why-Why-Why, Value Stream Mapping, Kaizen, Kanban, 5S and Six Sigma.								
ENT	ETM	ENGT	2870	Safety Management	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		In this course students study OSHA regulations and other safety programs related to manufacturing. Topics include job safety analysis, personal protective equipment, accident prevention and emergency planning.								
ENT	ETM	ENGT	2900	Special Topics in Engineering Technology	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ENGT	2930	Independent Study	Ind Study	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Study of a particular topic pertinent to the engineering technology field under the direction of a faculty member. May be repeated.								
ENT	ETM	ENGT	2990	Externship	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENGT 1150 or IMT 1150) and (ENGT 1170 or IMT 1170) and (ENGT 1200 or IMT 1200) and (ENGT 2200 or IMT 2200) and (ENGT 2400 or IMT 2400)								
		COURSE DESC:		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.								
ENT	ETM	ENGT	2990	Externship	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENGT 1150 or IMT 1150) and (ENGT 1170 or IMT 1170) and (ENGT 1200 or IMT 1200) and (ENGT 2200 or IMT 2200) and (ENGT 2400 or IMT 2400)								
		COURSE DESC:		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.								
ENT	ETM	ETM	1000	Introduction to Engineering Technology and Management	Lecture	.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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	1130	Introduction to Engineering and Technological Sciences	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit if ETM 1120								
		COURSE DESC:		This class introduces the interdisciplinary scientific principles that drive modern engineering and how the scientific process is applied for practical means. The course includes the study of materials and processing, mechanical reasoning, documentation, and design. The course is open to students of all disciplines and does not require a background in sciences and engineering for successful completion.								
ENT	ETM	ETM	1130	Introduction to Engineering and Technological Sciences	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit if ETM 1120								
		COURSE DESC:		This class introduces the interdisciplinary scientific principles that drive modern engineering and how the scientific process is applied for practical means. The course includes the study of materials and processing, mechanical reasoning, documentation, and design. The course is open to students of all disciplines and does not require a background in sciences and engineering for successful completion.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	2030	Advanced Enterprise Computer Methods	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (ET 1100 or ETM 101 or IT 101) 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (ET 1100 or ETM 101 or IT 101) 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	Laboratory	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	Lecture	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 or 1130 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. This course is also cross listed as a designated (ETM 2180C) service learning course.								
ENT	ETM	ETM	2180	Metal Fabrication and Casting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 or 1130 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. This course is also cross listed as a designated (ETM 2180C) service learning course.								
ENT	ETM	ETM	2180C	Metal Fab and Casting	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 1100 and ETM 1120 or 1130 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	Laboratory	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	Lecture	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (PHYS 2001 or 2051 or 2054 and 2055) 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	2210	Applied Mechatronics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2001 or 2051 or 2054 and 2055) and Advanced Standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 1030 and ET 1100 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 1030 and ET 1100 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ETM	ETM	3001	Introduction to Technical Operations Management	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	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						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	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						
		COURSE DESC:		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	Lecture	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	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3030	Applications of Object Oriented Programming	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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.								
ENT	ETM	ETM	3200	Hydraulics and Pneumatics	Lecture	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.								
ENT	ETM	ETM	3310	Database Applications & Analytics	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3030 and advanced standing in ETM								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3030 and advanced standing in ETM								
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3030 and (PHYS 2001 or 2051 or 2054 and 2055) and advanced standing in ETM								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3320	Electronics and Micro-Controllers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 3030 and (PHYS 2001 or 2051 or 2054 and 2055) and advanced standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 3320 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EE 4913						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 3320 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EE 4913						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and 3510 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and 3510 and advanced standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and advanced standing in ETM						
		COURSE DESC:		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	3480	Plastics Forming and Composites Fabrication	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and advanced standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and 3510 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and 3510 and advanced standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ETM 2510 or 3070) and (ETM 3010 or 3610) and Advanced Standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ETM 2510 or 3070) and (ETM 3010 or 3610) and Advanced Standing in ETM						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ETM 2510 and advanced standing in ETM) or ETM 3070						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ETM 2510 and advanced standing in ETM) or ETM 3070						
		COURSE DESC:		Advanced computer-aided design and computer-aided machining (CAD/CAM) for computer numerical control (CNC) machine tools. Lab activities focus on optimizing machining performance.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	3540	Automatic Identification and Data Capture	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2310 and 3030 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2310 and 3030 and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMS 1030 and MGT 2000 and Advanced standing in ETM and Jr or Sr						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and MGT 2000						
		COURSE DESC:		Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people in a technical organization.								
ENT	ETM	ETM	3630	Quality Management Systems	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and (ISE 3040 or MATH 2500) and (Tier I junior composition course in ENG or ET or ETM) and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and (ISE 3040 or MATH 2500) and (Tier I junior composition course in ENG or ET or ETM) and advanced standing in ETM						
		COURSE DESC:		Theory and practice of quality assurance principles in manufacturing. Includes statistical process control, process capability, gage capability, and quality management.								
ENT	ETM	ETM	3635	Quality Assurance and Technical Documentation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(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						
		COURSE DESC:		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	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or 1610) and (Jr or Sr)						
		COURSE DESC:		This course 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	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(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						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(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						
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and (CHEM 1210 or 1500 or 1510) and advanced standing in ETM						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2080 and 2180 and (CHEM 1210 or 1500 or 1510) and advanced standing in ETM						
		COURSE DESC:		Advanced theory and application of common industrial materials. Includes examination of the behavior of ceramics, polymers, metals, and composites.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	ETM	ETM	4000	Senior Seminar	Lecture	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Sr only and Advanced Standing in ETM								
		COURSE DESC:		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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: ETM 3625 and ETM 3635 and SR and ETM major								
		COURSE DESC:		PR, F Discussion sessions relating to projected employment opportunities, career enhancement activities, and professional development options in technical operations management.								
ENT	ETM	ETM	4010	Dimensional Analysis	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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'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	Laboratory	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	Lecture	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	Laboratory	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	4350	Automation, Robotics & Control Systems	Lecture	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	4420	Purchasing and Supply Chain Management	Lecture	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	Lecture	5	0	3; BLD; CAP	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	Laboratory	5	0	3; CAP	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 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4621						
		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	Lecture	5	0	3; CAP	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 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): ETM 4621						
		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	Laboratory	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	Lecture	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	Laboratory	3	0	3; BLD; CAP	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	ETM	4622	Operations Management Capstone II	Lecture	3	0	3; BLD; CAP	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	Lecture	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	Lecture	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	Lecture	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 Study	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	Laboratory	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	Lecture	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	Lecture	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	5930	SPCL TOPICS IN TECHNOLOGY	Ind Study	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		Selected advanced topics that are current and relevant to industrial technology. May be repeated.								
ENT	ETM	PM	6100	Project Management I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is the first part for the Project Management course sequence. Students learn the skills, tools, and strategies required to meet the needs of managing complex 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	PM	6200	Project Management II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		In this class, students learn the skills, tools, and strategies required to meet the needs of managing complex 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	PM	6500	Change and Risk Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course is an investigation of both risk and change management as it relates to project management. The topics in the course include initiating, planning, executing, controlling, and closing projects. The concepts of project risk and change management are presented, and students have opportunities to develop risk and change management plans.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	PM	6600	Lean Six Sigma Methods	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	No credit if taken after EMGT 6110 or 6500						
		COURSE DESC:		Lean and Six Sigma were developed as two separate methodologies to remove waste and improve quality in an enterprise. The overlap in the principles, tools and skill sets utilized by both methods has led to a synergy in how they are applied in conjunction with each other in an organization. This course introduces students to fundamental principles of leans and six sigma methodologies and provides them with key problem solving tools utilized in both methods.								
ENT	ETM	PM	6800	Project Management Capstone	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PM 6600						
		COURSE DESC:		This course is the capstone experience for students completing the Masters of Project Management graduate degree program. Students develop a case study portfolio with a client company to implement the project management tools and techniques learned within the degree program. Students have the option of working with the instructor to complete either the CAPM or PMP certification exams from the Project Management Institute as desired by the student. The culminating deliverable will be the individual student project portfolio.								
ENT	ETM	PM	6900	Special Topics in Project Management	Lecture	1 to 9	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This is a variable credit special topics course in Project Management to allow students to pursue special interest topics under the guidance of an instructor of record. This course number may also be used by an instructor wishing to teach an experimental course for consideration into the masters of project management program. A course proposal must be submitted, reviewed by program coordinator and approved by the department chair before the start of the course.								
ENT	ETM	PM	6950	Project Management Thesis	Thesis	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	PM 6200 and ET 6020						
		COURSE DESC:		PR, F	In this course the student conducts independent research towards a thesis under the direction of a graduate faculty member. The culminating deliverable is a completed thesis.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	EMGT	6000	Foundations of Engineering Management	Lecture	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	Communication Skills for Engineers	Lecture	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	Lecture	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	Lecture	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	6111	Advanced Six Sigma	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6110						
		COURSE DESC:		This course is continuation of the EMGT 6110 - Six Sigma, and covers DMAIC problem-solving methodology in details. Topics covered include tools and techniques for product and process improvement and the application of basic and advanced statistics to problem solving. Emphasis on application of the methodology.								
ENT	ISE	EMGT	6112	Six Sigma Green Belt Exam	Lecture	.5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6110						
		COURSE DESC:		This course allows students to demonstrate proficiency in basic Six Sigma methods. Students review the provided materials and then take an exam.								
ENT	ISE	EMGT	6113	Six Sigma Black Belt Exam	Lecture	.5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6111 and EMGT 6112						
		COURSE DESC:		This course allows students to demonstrate proficiency in advanced Six Sigma methods. Students review the provided materials and then take an exam.								
ENT	ISE	EMGT	6114	Six Sigma Black Belt Project	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6111						
		COURSE DESC:		This is the culminating experience of the Six Sigma Black Belt Certificate. Students apply the components of Six Sigma methodology taught in previous courses to demonstrate their ability to use the appropriate methods for process improvement.								
ENT	ISE	EMGT	6120	Quality Systems	Lecture	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, Taguchi, etc. will be discussed.								
ENT	ISE	EMGT	6200	Information Systems Engineering	Lecture	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	Lecture	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.								
ENT	ISE	EMGT	6220	Data Acquisition and Predictive Analytics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6100 and EMGT 6200; no credit if taken after MBA 6325						
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EMGT 6000 or enrolled in MS7271 program						
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	EMGT	6400	Engineering Law	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				CR, PR								
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ISE	EMGT	6930	Special Investigations	Ind Study	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EMGT 6010 and 6110 and 6200 and 6300								
				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	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	1200	Software Tools for Industrial and Systems Engineering	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: no credit if taken after ISE 1100								
				This course teaches office software including documents, spreadsheets, presentations, and databases. The software is demonstrated by applying it to situations encountered by ISEs in practice.								
ENT	ISE	ISE	2100	Data Management and Display	Lecture	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and ISE 1100 and MATH 2301 and (Soph or Jr or Sr)								
				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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				CR								
		COURSE DESC:		Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	ISE	ISE	3210	Engineering Probability	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH 2302 and C- or better in ISE 3200 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): MATH 3500. No credit if taken after EE 3713						
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.								
ENT	ISE	ISE	3341	Work Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ISE1100 or ISE1200) and (ET2450 or ISE 2400 or ISE 3200 or ISE 3040						
		COURSE DESC:		Design of work systems and measurement of work. Topics include operation analysis and improvement, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, learning curves, balancing lines, assembly lines, task assignment to workers, robots in industry. Students are also introduced to ergonomics considerations in the design of manual operations. Models for optimization of operations (eg. line balancing models) will also be covered.								
ENT	ISE	ISE	3910	Internship in Industrial and Systems Engineering	Internship	1 to 3	3	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Jr or Sr CR						
		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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	4151	Information Systems Engineering	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 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	4151	Information Systems Engineering	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2450 or ISE 3200 or ET 2400 or ISE 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4160	Principles of Six Sigma	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2450 or ISE 3200 or ET 2400 or ISE 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	Laboratory	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 or ISE 3341 and Warning: No credit 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 comparison between western and Japan manufacturing planning and control methods from an intercultural competence perspective is covered. The methods will be learned by practicing them in lab setting and in projects.								
ENT	ISE	ISE	4170	Lean Manufacturing and Service Systems	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3340 or ISE 3341 and Warning: No credit 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 comparison between western and Japan manufacturing planning and control methods from an intercultural competence perspective is covered. The methods will be learned by practicing them in lab setting and in projects.								
ENT	ISE	ISE	4190	Senior Capstone Design I	Lecture	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	Lecture	3	0	3; CAP	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	Lecture	6	0	3; BER; BLD; BSL; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ISE 3340 or ISE3341) and 4120 and 4130 and 4140 and 4160 and 4490 and (ISE 4151 prior to or concurrent) and Senior only and WARNING: No credit if: 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	Lecture	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	Lecture	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	4311	Applied Systems Engineering	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	4315	Decision Theory	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 3200 or MATH 2500								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 4120								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MATH 3200 or 3210) and (ISE 3200 or ISE 3040 or CE 4000 or EE 3713 or MATH 2500)								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 3300 and ISE 3200								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 4140								
				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	4345	Network Analysis	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 4140								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 2100								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 3210								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ET 3300 and ISE 3340								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 3340								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Sr only								
				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	Lecture	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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	ISE	ISE	4380	Human Factors Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200 and 3340								
		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	4381	Industrial Ergonomics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 4380								
		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	4385	Seminar on Occupational Safety and Health	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		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	4390	Work Physiology and Occupational Biomechanics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		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	4395	Cognitive Engineering	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		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	4490	Project Management	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F 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								
		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	4500	Colloquium	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Sr only								
		COURSE DESC:		PR, F Presentations on topics related to the profession of Industrial and Systems Engineering.								
ENT	ISE	ISE	4900	Special Topics	Lecture	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Courses offered on new and emerging topics in industrial and systems engineering.								
ENT	ISE	ISE	4930	Special Investigations	Ind Study	1 to 4	96		N	U30		0
		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.								
ENT	ISE	ISE	5120	Inventory and Manufacturing Control I	Lecture	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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	ISE	ISE	5130	Industrial Computer Simulation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5151	Information Systems Engineering	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5151	Information Systems Engineering	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5160	Principles of Six Sigma	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 comparison between western and Japan manufacturing planning and control methods from an intercultural competence perspective is covered.The methods will be learned by practicing them in lab setting and in projects.								
ENT	ISE	ISE	5170	Lean Manufacturing and Service Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 comparison between western and Japan manufacturing planning and control methods from an intercultural competence perspective is covered.The methods will be learned by practicing them in lab setting and in projects.								
ENT	ISE	ISE	5200	Engineering Statistics	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.								
ENT	ISE	ISE	5300	Introduction to Designed Experiments	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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ENT	ISE	ISE	5310	Introduction to Systems Engineering	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5315	Decision Theory	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5341	Work Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Design of work systems and measurement of work. Topics include operation analysis and improvement, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, learning curves, balancing lines, assembly lines, task assignment to workers, robots in industry. Students are also introduced to ergonomics considerations in the design of manual operations. Models for optimization of operations (eg. line balancing models) will also be covered.								
ENT	ISE	ISE	5345	Network Analysis	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	5360	Facility Planning and Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	Laboratory	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	5380	Human Factors Engineering	Lecture	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	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	5910	Graduate Internship in ISE	Field	1	0		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Permission required						
		COURSE DESC:		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 Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.								
ENT	ISE	ISE	6110	Analysis of Engineering Systems I	Lecture	2	0		N	G40		0
		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.								
ENT	ISE	ISE	6115	Analysis of Engineering Systems II	Lecture	2	0		N	G40		0
		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.								
ENT	ISE	ISE	6120	Probabilistic System Analysis	Lecture	3	0		N	G40		0
		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.								
ENT	ISE	ISE	6140	Reliability in Design	Lecture	2	0		N	G40		0
		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.								
ENT	ISE	ISE	6145	Design for Reliability	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: No credit if taken after ISE 6140						
		COURSE DESC:		The objective of this course is to provide graduate students with fundamental knowledge related to reliability and applied statistics, and advanced modeling and computational tools.								
ENT	ISE	ISE	6150	Information Systems Design	Lecture	2	0		N	G40		0
		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.								
ENT	ISE	ISE	6160	Environmental Systems Engineering	Lecture	2	0		N	G40		0
		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.								
ENT	ISE	ISE	6230	Seminar Transportation Systems	Seminar	3	0		N	G40		0
		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.).								
ENT	ISE	ISE	6260	Artificial Neural Networks in Manufacturing	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.								
ENT	ISE	ISE	6300	Seminar in Industrial and Systems Engineering	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		COURSE DESC:		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.								
ENT	ISE	ISE	6320	Seminar on the Control of Inventory and Manufacturing Systems	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ISE 5120						
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	6360	Project Analysis and Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: Not ISE 5490						
		COURSE DESC:		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.								
ENT	ISE	ISE	6400	Facilities Layout and Location	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	ISE	ISE	6420	Warehouse and Distribution Systems Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
ENT	ISE	ISE	6500	Foundations of Engineering Management	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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 Study	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	6940	Research	Research	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Research contents varies.								
ENT	ISE	ISE	6949	Nonthesis Master's Project	Research	1 to 18	18		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Project content varies.								
ENT	ISE	ISE	6950	Thesis	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Thesis content varies.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	ISE	7090	Intelligent Engineering Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	2	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required 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	7265	Artificial Neural Networks in ISE	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				WARNING: No credit if taken after ISE 6260 or 7260 The objective of this course is to help the student develop an overall understanding of neural networks and how they can be used in industry.								
ENT	ISE	ISE	7270	Data Integration	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	7275	Intelligent Decision Making in ISE	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The objective of this course is to help the student develop an overall understanding of intelligent decision making through machine learning techniques.								
ENT	ISE	ISE	7320	Seminar in the Control of Inventory and Manufacturing Systems	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ISE 5120 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.								
ENT	ISE	ISE	7325	Design and Control of Global Supply Chains	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course covers manufacturing system design, supplier selection and evaluation, purchasing, location of warehouses and manufacturing plants, forecasting, distribution networks, logistics, warehouse operations, vehicle routing. It includes math modeling, fuzzy math modeling, stochastic modeling and genetic algorithms as solution techniques. The course looks into competition and collaboration among in supply chains along with world trade relations, tariffs, and world economy as part of designing global supply chains. Basic control issues such as production planning, scheduling and inventory control is briefly covered in the course.								
ENT	ISE	ISE	7330	Advanced Systems Simulation	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ISE 5130 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.								
ENT	ISE	ISE	7385	Systems Safety	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course teaches the students system safety techniques and survey methods for identifying hazards using common hazard analysis techniques. This course covers hazard analysis techniques including preliminary hazard analysis, subsystem and system hazard analysis, operating and support Hazard analysis, health hazard assessment, safety requirements/criteria analysis, failure mode and effects analysis (FMEA), software safety assessment (SWSA), and several quantitative methods for hazard assessment.								
ENT	ISE	ISE	7610	Operations Research I - Combinatorial Optimization	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
ENT	ISE	ISE	7620	Operations Research II - Urban OR	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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ENT	ISE	ISE	7630	Operations Research III - Queueing Theory and Applications	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		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.								
ENT	ISE	ISE	7720	Optimization Engineering Systems I - Metaheuristics	Lecture	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	Lecture	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	Lecture	1 to 6	6		I	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 Study	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ENE	1800	Energy Engineering Colloquium IA	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		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	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ET 1800 CR								
		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	Lecture	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	Recitation	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	Seminar	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ET 1810 CR								
		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	Seminar	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ENE 3810 CR								
		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	Laboratory	4	0	3; BLD; BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CHE 2000, ET 3300, ISE 4490, EE 4523, ME 4350, and Sr. only								
		COURSE DESC:		This course follows the project management course to provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies of the design process in the context of the design and evaluation of a solution to an energy systems related problem or need.								
ENT	ME	ENE	4100	Energy Engineering Senior Design I	Lecture	4	0	3; BLD; BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CHE 2000, ET 3300, ISE 4490, EE 4523, ME 4350, and Sr. only								
		COURSE DESC:		This course follows the project management course to provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies of the design process in the context of the design and evaluation of a solution to an energy systems related problem or need.								
ENT	ME	ENE	4110	Energy Engineering Senior Design II	Laboratory	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENE 4100 and Sr								
		COURSE DESC:		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	Lecture	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENE 4100 and Sr								
		COURSE DESC:		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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200, ME 4350, & (ME 3122 or concurrent)								
		COURSE DESC:		Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab activities illustrate principles of selected energy utilization/conversion processes, and provide experience handling energy engineering equipment. Students will apply engineering analysis and statistics to the design of experiments, conduct experiments with minimum supervision, and report results.								
ENT	ME	ENE	4500	Energy Conversion Laboratory	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 3200, ME 4350, & (ME 3122 or concurrent)								
		COURSE DESC:		Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab activities illustrate principles of selected energy utilization/conversion processes, and provide experience handling energy engineering equipment. Students will apply engineering analysis and statistics to the design of experiments, conduct experiments with minimum supervision, and report results.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	1010	Mechanical and Energy Engineering - Gateway Course	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This gateway course uses projects to introduce students to common problem solving methods in the mechanical and energy engineering professions. Student teams will work cooperatively on engineering design projects while learning about and developing engineering competencies (including ethics and diversity).								
ENT	ME	ME	1800	Mechanical Engineering Colloquium I	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 1010								
		COURSE DESC:		CR Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.								
ENT	ME	ME	2800	Mechanical Engineering	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 1010 or EnE 1010								
		COURSE DESC:		CR Activities and seminars related to the profession of engineering, career opportunities and preparation, and engineering competencies (including diversity and ethics).								
ENT	ME	ME	2900	Special Topics in Mechanical Engineering	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3400 and (ME 3022 or 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	Lecture	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	3510	Computer Aided Design	Lecture	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	Lecture	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	Seminar	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4110	Principles of Heating, Venting, Air Conditioning and Refrigeration	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	4250	Energy Geomechanics for Engineers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 2220 and ME 3022								
		COURSE DESC:		An introduction to the geomechanics of earth materials with application in energy technology. Includes a review of the behavior of elastic solids with emphasis on rock and soil mechanics, an overview of mechanism of rock fracture, the theory of poroelasticity, and fundamental theories for the transport of fluids including hydrocarbons in geological porous media. Special emphasis will be placed on oil reservoirs and unconventional reservoirs like coal-beds and organic-rich shale.								
ENT	ME	ME	4270	Power Station Engineering	Lecture	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	4310	Atmospheric Pollution Control	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 3200 and (CHE 3400 or ME 3022 or 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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4350	Energy Engineering and Management	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2051 or 2054 and 2055						
		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	4670A	Honors Experience: Engineering Biomechanics of Human Motion	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	ME 4670 concurrent and student in the OHIO Honors program						
		COURSE DESC:		NC OHIO Honors curricular experience in Engineering Biomechanics of Human Motion.								
ENT	ME	ME	4680	Mechanics of Polymers	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 2220 and ME 3022						
		COURSE DESC:		An overview of the principles of polymer physics and polymer mechanics for engineering students. Major advancements in modeling and analysis of the mechanical behavior of polymers and polymeric compounds in solid and liquid phases are covered, with emphasis on polymer flow (rheology), rubber elasticity, and viscoelasticity of solid polymers.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4690	Introduction to Nanomaterials	Lecture	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	Laboratory	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	Lecture	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	Laboratory	4	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3510, 3700, 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	Lecture	4	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ME 3510, 3700, 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	Lecture	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	Lecture	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	4760	Automotive Engineering	Lecture	3	0		N	U30		0
		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.								
ENT	ME	ME	4770	Vehicle Systems Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or 2054 and 2055								
		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	4780	Missiles guidance systems and rocket design	Lecture	3	0		N	U30		0
		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.								
ENT	ME	ME	4800	Mechanical Engineering Colloquium IV	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: ME 3800								
		COURSE DESC:		CR 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.								
ENT	ME	ME	4880	Experimental Design Lab	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENG 1510 or 1610) and ISE 3200 and (Soph or higher)								
		COURSE DESC:		Learn the use of basic lab equipment while developing and executing experiments. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	4880	Experimental Design Lab	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ENG 1510 or 1610) and ISE 3200 and (Soph or higher)						
		COURSE DESC:		Learn the use of basic lab equipment while developing and executing experiments. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. 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.								
ENT	ME	ME	4900	Special Topics in Mechanical Engineering	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ME	ME	4910	Mechanical Engineering Project	Internship	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		PR	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.							
ENT	ME	ME	4930	Special Investigation	Ind Study	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5170	Design of Thermal Systems	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.								
ENT	ME	ME	5250	Energy Geomechanics for Engineers	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: An introduction to the geomechanics of earth materials with application in energy technology. Includes a review of the behavior of elastic solids with emphasis on rock and soil mechanics, an overview of mechanism of rock fracture, the theory of poroelasticity, and fundamental theories for the transport of fluids including hydrocarbons in geological porous media. Special emphasis will be placed on oil reservoirs and unconventional reservoirs like coal-beds and organic-rich shale.								
ENT	ME	ME	5270	Power Station Engineering	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5310	Atmospheric Pollution Control	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.								
ENT	ME	ME	5470	Viscous Flow Theory	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5620	Mechanics of Metal Forming	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5670	Engineering Biomechanics of Human Motion	Lecture	3	0		N	G50		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	ME	ME	5680	Mechanics of Polymers	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An overview of the principles of polymer physics and polymer mechanics for engineering students. Major advancements in modeling and analysis of the mechanical behavior of polymers and polymeric compounds in solid and liquid phases are covered, with emphasis on polymer flow (rheology), rubber elasticity, and viscoelasticity of solid polymers.								
ENT	ME	ME	5690	Introduction to Nanomaterials	Lecture	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.								
ENT	ME	ME	5740	Advanced Machine Design	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	5800	Graduate Colloquium	Seminar	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Lecture	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	5930	Special Investigation	Ind Study	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR	Permission required							
		COURSE DESC:		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	6100	Advanced Vibrations Analysis	Lecture	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	6570	Introduction to Finite Element Methods	Lecture	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	Lecture	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	Lecture	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	6900	Special Topics in Mechanical Engineering	Lecture	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	6910	Graduate Internship	Field	1	5		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F Supervised work-study experience in an established industrial or government environment.								
ENT	ME	ME	6940	Research	Research	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Independent research project under the direction of a graduate faculty advisor.								
ENT	ME	ME	6950	Thesis	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
		COURSE DESC:		PR, F Independent research toward a thesis, under the direction of a graduate faculty member.								
ENT	ME	ME	6970	Engineering Analysis and Numerical Methods	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		M E 6050 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		ME 5130 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		ME 5460 Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence								
ENT	ME	ME	7200	Advanced Non-linear Finite Element Analysis	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required and CE 5200 or ME 6570 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CHE 6400 or ME 5460 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	ME	7330	Numerical Heat Transfer and Fluid Flow	Lecture	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	Lecture	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	Lecture	3	0		N	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	Lecture	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	Lecture	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.								
ENT	ME	ME	7760	Special Topics in Materials Processing	Lecture	3	0		N	G50		0
		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.								
ENT	ME	ME	7800	Doctoral Colloquium	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Presentation and discussion of research topics.								
ENT	ME	ME	7840	Fracture and Fatigue of Engineering Materials	Lecture	3	0		N	G50		0
		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.								
ENT	ME	ME	7850	Plasticity Theory and Application	Lecture	3	0		N	G50		0
		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.								
ENT	ME	ME	7900	Special Topics in Mechanical Engineering	Lecture	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Advanced topics in selected areas in mechanical engineering.								
ENT	ME	ME	7930	Special Investigations	Ind Study	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Advanced topics in mechanical engineering with an emphasis on individual study.								
ENT	ME	ME	7970	Advanced Engineering Analysis	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	2110	From Caves to Calligraphy: Global Art + Design I GEC1: A-F REQUISITE: COURSE DESC: A global survey of art, architecture, and design that begins with prehistory and concludes in the 14th century. Emphasis is placed on the development of historical frameworks for understanding and evaluating visual, material, and spatial cultures across the world.	Discussion	4	0	2FA; PHA	N	U30		0
FAR	ART	AH	2110	From Caves to Calligraphy: Global Art + Design I GEC1: A-F REQUISITE: COURSE DESC: A global survey of art, architecture, and design that begins with prehistory and concludes in the 14th century. Emphasis is placed on the development of historical frameworks for understanding and evaluating visual, material, and spatial cultures across the world.	Lecture	4	0	2FA; PHA	N	U30		0
FAR	ART	AH	2130	From Gutenberg to Google: Global Art + Design II GEC1: A-F REQUISITE: COURSE DESC: A global survey of art, architecture, and design that begins in the 14th century and concludes in our contemporary period. Emphasis is placed on the development of historical frameworks for understanding and evaluating visual, material, and spatial cultures across the world.	Discussion	4	0	2CP; PHA	N	U30		0
FAR	ART	AH	2130	From Gutenberg to Google: Global Art + Design II GEC1: A-F REQUISITE: COURSE DESC: A global survey of art, architecture, and design that begins in the 14th century and concludes in our contemporary period. Emphasis is placed on the development of historical frameworks for understanding and evaluating visual, material, and spatial cultures across the world.	Lecture	4	0	2CP; PHA	N	U30		0
FAR	ART	AH	2970T	Art History Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History.	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	2971T	Art History Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	2980T	Art History Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in art history.	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	2981T	Art Historical Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	3200	Greek Art GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of ancient Greece.	Lecture	3	0		N	U30		0
FAR	ART	AH	3210	Roman Art GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of ancient Rome.	Lecture	3	0		N	U30		0
FAR	ART	AH	3220	Medieval Art GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of Europe from age of Constantine to art of Giotto.	Lecture	3	0		N	U30		0
FAR	ART	AH	3230	Italian Renaissance Art GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of 15th-century Italy.	Lecture	3	0		N	U30		0
FAR	ART	AH	3260	Baroque and Rococo Art GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of Europe in 17th- and 18th- centuries.	Lecture	3	0		N	U30		0
FAR	ART	AH	3270	19th-Century Art 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.	Lecture	3	0		N	U30		0

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	3320	West African Art	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				The visual art traditions, including sculpture, ceramics, textiles, and architecture, of the forest and savanna zones of West Africa.								
FAR	ART	AH	3321	Exhibiting and Theorizing Global Art	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course is typically partnered with an exhibition and is geared in part toward students preparing material for the exhibition and learning about the objects in the exhibition.								
				For readings, the class focuses on global museums, exhibitions, and politics of display through contemporary critical museology. The treatment and recontextualization of international art in the museum world both in the U.S. and abroad are analyzed. Also considered are questions around global design, the quotidian, built form, and exhibitionary practice. The objective of the course is to study artworks in exhibitions within the Western museum, political histories of conflict, cultural specificity, and indigenous world views.								
FAR	ART	AH	3400	Asian Art History	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Art of India, China, and Japan.								
FAR	ART	AH	3410	History of Chinese Art	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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	3420	20th-Century Art of China	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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.								
FAR	ART	AH	3430	History of Japanese Art	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches.								
FAR	ART	AH	3500	Principles of Architecture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to styles, theories, and structural principles of architecture.								
FAR	ART	AH	3510	Ancient Architecture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Survey of architectural monuments and their historical settings in Near East, Egypt, Greece, and Rome.								
FAR	ART	AH	3520	Medieval Architecture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Survey of architectural monuments and their historical settings in early Christian, Byzantine, Romanesque, and Gothic periods.								
FAR	ART	AH	3530	Early Modern Architecture: 15th - 18th Centuries	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				This course examines global building practices in Europe, the Americas, and Asia between the 15th and 18th centuries. Our selected themes include: nation building and globalization, landscape architecture and garden design, new technologies, the social history of public and private spaces, and the persistence of classicism as an architectural style and theory.								
FAR	ART	AH	3540	Modern Architecture and Design	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				This course offers a global perspective of buildings, cities, and landscapes from the nineteenth-century to the present. We approach architecture as an interdisciplinary object of study bridging spatial, material, and technological cultures. Our goal is to identify design theories and methods that exemplify modernity.								
FAR	ART	AH	3540A	Honors Experience: Modern Architecture & Design	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,								
				REQUISITE:								
				NC								
		COURSE DESC:		OHIO Honors curricular experience in Modern Architecture and Design								
FAR	ART	AH	3591	History of Graphic Design	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Students learn formal evolution of written language and graphic communication from the origins of writing systems through to the present-day digital world. Course includes a broad overview of the history of graphic design in cultural context, as it contributes to and is affected by, technology, art, and modern culture.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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 REQUISITE: Jr or Sr 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	3610	History of Photography ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	3970T	Art History Tutorial ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	3980T	Art History Tutorial ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	AH	4101	Contemporary Art History ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Overview of international art of recent decades. Focus is on the contemporary period starting with pop and minimal art and continuing to the present.	Lecture	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 REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4161	Arts of Medieval China (400-1300) ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4171	Arts of Early Modern China (1500-1700) ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4180	Contemporary East Asian Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4190	Visual Culture of China ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4221	Romanesque and Gothic Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	ART	AH	4241	Northern Renaissance Art ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of Northern Europe in 15th- and 16th- centuries.	Lecture	3	0		N	U30		0

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COURSE LISTING
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FAR	ART	AH	4250	Art of High Renaissance and Mannerism	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of 16th-century Italy.								
FAR	ART	AH	4331	Central African Art	Lecture	3	0		N	U30		0
		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.								
FAR	ART	AH	4611	20th-Century Art	Lecture	3	0		N	U30		0
		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.								
FAR	ART	AH	4616	Art Spaces	Seminar	3	0		N	U30		0
		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.								
FAR	ART	AH	4711	Methods in Art History	Lecture	3	0	3; CAP	N	U30		0
		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.								
FAR	ART	AH	4900	Selected Topics in Art History	Lecture	3	12		N	U30		0
		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.								
FAR	ART	AH	4902	Contemporary Art Theory and Criticism	Lecture	3	6		N	U30		0
		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.								
FAR	ART	AH	4920	Service Learning in Art History	Practicum	1 to 4	8	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	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.							
FAR	ART	AH	4930	Independent Study--Projects	Ind Study	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	Tutorial	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	Tutorial	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	Lecture	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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5111	The Representation and Theorization of Gender in the History of Art	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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)	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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)	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	Art of ancient Greece.								
FAR	ART	AH	5210	Roman Art	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	Art of ancient Rome.								
FAR	ART	AH	5220	Medieval Art	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	Art of Europe from age of Constantine to art of Giotto.								
FAR	ART	AH	5221	Romanesque and Gothic Art	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	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	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PR								
			COURSE DESC:	Art of 15th-century Italy.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5241	Northern Renaissance Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of Northern Europe in 15th- and 16th- centuries.								
FAR	ART	AH	5251	Art of High Renaissance and Mannerism	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of 16th-century Italy.								
FAR	ART	AH	5260	Baroque and Rococo Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of Europe in 17th- and 18th- centuries.								
FAR	ART	AH	5270	19th-Century Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Painting and sculpture in Western Europe, 1789-1900. The neoclassic, Romantic, Realist, Impressionist, and post-Impressionist movements.								
FAR	ART	AH	5320	West African Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		The visual art traditions, including sculpture, ceramics, textiles, and architecture, of the forest and savanna zones of West Africa.								
FAR	ART	AH	5321	Exhibiting and Theorizing Global Art	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is typically partnered with an exhibition and is geared in part toward students preparing material for the exhibition and learning about the objects in the exhibition.								
				For readings, the class focuses on global museums, exhibitions, and politics of display through contemporary critical museology. The treatment and recontextualization of international art in the museum world both in the U.S. and abroad are analyzed. Also considered are questions around global design, the quotidian, built form, and exhibitionary practice. The objective of the course is to study artworks in exhibitions within the Western museum, political histories of conflict, cultural specificity, and indigenous world views.								
FAR	ART	AH	5331	Central African Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of India, China, and Japan.								
FAR	ART	AH	5410	History of Chinese Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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.								
FAR	ART	AH	5430	History of Japanese Art	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches.								
FAR	ART	AH	5530	Early Modern Architecture: 15th - 18th Centuries	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines global building practices in Europe, the Americas, and Asia between the 15th and 18th centuries. Our selected themes include: nation building and globalization, landscape architecture and garden design, new technologies, the social history of public and private spaces, and the persistence of classicism as an architectural style and theory.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5540	Modern Architecture and Design	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course offers a global perspective of buildings, cities, and landscapes from the nineteenth-century to the present. We approach architecture as an interdisciplinary object of study bridging spatial, material, and technological cultures. Our goal is to identify design theories and methods that exemplify modernity.								
FAR	ART	AH	5591	History of Graphic Design	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students learn formal evolution of written language and graphic communication from the origins of writing systems through to the present-day digital world. Course includes a broad overview of the history of graphic design in cultural context, as it contributes to and is affected by, technology, art, and modern culture.								
FAR	ART	AH	5600	Modernist Theory and Criticism	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	5616	Art Spaces	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
FAR	ART	AH	5711	Methods in Art History	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Investigation of various methodological approaches to study of art.							
FAR	ART	AH	5900	Selected Topics in Art History	Lecture	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Permission required Focused topics on Medieval Art. A single artist, issue, or period is emphasized. Content varies with each offering.							
FAR	ART	AH	5904	Italian Renaissance Art Special Topics Seminar	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Permission required Focused topics on Italian Renaissance art (c 1300-1550). An artist, school, period, and/or issue will be examined. Content varies with each offering.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	AH	5905	Modern Art Special Topics Seminar	Seminar	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	Seminar	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	Seminar	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	Practicum	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	Practicum	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 Study	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	Lecture	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	Thesis	.5 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	Lecture	3	0	2FA; PHA	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	Laboratory	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	1111	Introduction to Digital Art	Lecture	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	Lecture	3	0	2FA; PHA	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	1121	Introduction to Drawing	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	1130	Selfies, Posts, and Fading Paper: Our Family Album	Lecture	3	0	2FA; PHA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Photography is a tool to document our existence. Photos say, "this is me, my body, my family, my home, my experiences. Let me record and remember. Let me share. Here I am." This is part of what makes up an album--a photographic record of looking, sharing, and remembering--made from close members in our community, our family. This class focuses on the power of the photograph to share the personal. This class engages in reflective writing and creative sharing based on vernacular images and their uses in art and culture.								
FAR	ART	ART	1131	Introduction to Film Photography	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	1161	Introduction to Ceramics	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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FAR	ART	ART	1171	Introduction to Printmaking	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Laboratory	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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 + Drawing	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course introduces drawing and other descriptive processes as an expansive practice and a means for developing perceptual and conceptual thinking skills. Various methods of image making, three-dimensional modeling, and data mapping are used as tools for observation and expression. Through broad, hands-on exposure to materials and methods, students develop expressive, communicative and analytical capabilities.								
FAR	ART	ART	1200	Description + Drawing	Studio	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course introduces drawing and other descriptive processes as an expansive practice and a means for developing perceptual and conceptual thinking skills. Various methods of image making, three-dimensional modeling, and data mapping are used as tools for observation and expression. Through broad, hands-on exposure to materials and methods, students develop expressive, communicative and analytical capabilities.								
FAR	ART	ART	1210	Function + Practice	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Students investigate modes of creative research and methodologies of art and design to inform and expand their own practice. Their own concepts and designs are transformed through tool explorations, shifting modalities, application of technologies, and material experimentation. Through a range of exercises, this course explores the physical, metaphorical, and cultural significance of art and design's function in society.								
FAR	ART	ART	1210	Function + Practice	Studio	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Students investigate modes of creative research and methodologies of art and design to inform and expand their own practice. Their own concepts and designs are transformed through tool explorations, shifting modalities, application of technologies, and material experimentation. Through a range of exercises, this course explores the physical, metaphorical, and cultural significance of art and design's function in society.								
FAR	ART	ART	1220	Image + Design	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course explores the production and design of representational, abstract, and symbolic images. Students are introduced to lens-based, digital, and analog processes for creating imagery, explorations of various techniques and technologies, as well as applications of color theory. Through the study of image systems and cultural contexts, students develop skills for various modes of image-making in art and design, an understanding of their expressive potentials, and the role of interpretation and critical analysis of images within a contemporary context.								
FAR	ART	ART	1220	Image + Design	Studio	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course explores the production and design of representational, abstract, and symbolic images. Students are introduced to lens-based, digital, and analog processes for creating imagery, explorations of various techniques and technologies, as well as applications of color theory. Through the study of image systems and cultural contexts, students develop skills for various modes of image-making in art and design, an understanding of their expressive potentials, and the role of interpretation and critical analysis of images within a contemporary context.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	1230	Structure + Space	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the use of structure and space as physical, conceptual, and organizational practices in contemporary art and design. Students develop their ideas through composition and fabrication, considering issues such as scale, site-specificity, repetition, impermanence, and performativity. Individual and collaborative making provide the opportunity for students to explore, define, and create organizational systems and structures.								
FAR	ART	ART	1230	Structure + Space	Studio	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course explores the use of structure and space as physical, conceptual, and organizational practices in contemporary art and design. Students develop their ideas through composition and fabrication, considering issues such as scale, site-specificity, repetition, impermanence, and performativity. Individual and collaborative making provide the opportunity for students to explore, define, and create organizational systems and structures.								
FAR	ART	ART	1240	Visual Art in Practice and Theory: Critical Perspectives	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Recommended for students interested in the Interior Architecture program.						
		COURSE DESC:		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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Recommended for students interested in the Interior Architecture program.						
		COURSE DESC:		CR, PR	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	Studio	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	2110	Digital Art + Technology I	Lecture	4	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		This is an introductory course where students learn techniques, technologies, and tools to create digital fine artwork in a contemporary context. Students explore ways that artists have used creative digital imaging as expressive modes for artmaking. Students participate in critique and critical analysis of digital artwork with the goal of generating a personal, individualized approach to making digital artworks and physical fabrications.								
FAR	ART	ART	2110	Digital Art + Technology I	Studio	4	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		This is an introductory course where students learn techniques, technologies, and tools to create digital fine artwork in a contemporary context. Students explore ways that artists have used creative digital imaging as expressive modes for artmaking. Students participate in critique and critical analysis of digital artwork with the goal of generating a personal, individualized approach to making digital artworks and physical fabrications.								
FAR	ART	ART	2120	Creative Coding for Artists I	Lecture	4	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		This is an introductory course where students learn histories, principles, and practices of creative coding for artists with an emphasis on technologies, methodologies, and explorations of creating art-based digital assemblies and artistic compositions and their presentations in the physical space. Students participate in critique and critical analysis of digital artwork utilizing an understanding of the histories and possibilities of Art + Technology to reach a wider audience within virtual or physical spaces. Students explore practical experiences and abilities to utilize code and different technologies working in static or interactive 2D, 3D, and time-based mediums.								
FAR	ART	ART	2120	Creative Coding for Artists I	Studio	4	0		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		This is an introductory course where students learn histories, principles, and practices of creative coding for artists with an emphasis on technologies, methodologies, and explorations of creating art-based digital assemblies and artistic compositions and their presentations in the physical space. Students participate in critique and critical analysis of digital artwork utilizing an understanding of the histories and possibilities of Art + Technology to reach a wider audience within virtual or physical spaces. Students explore practical experiences and abilities to utilize code and different technologies working in static or interactive 2D, 3D, and time-based mediums.								
FAR	ART	ART	2210	Ceramics Hand Building	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2220	Ceramics Wheel Throwing	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		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	2330	Casting Contemporary Explorations	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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	Lecture	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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2520	Typography	Laboratory	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 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	Lecture	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 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	2600	Interior Architecture Studio I	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	2710	Painting: Color, Form, Context	Studio	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.								
FAR	ART	ART	2720	Painting: Alternative, Digital, Temporal Modes	Lecture	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 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	Studio	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 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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
				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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
				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	Lecture	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (2 Courses (ART 1200 or 1210 or 1220 or 1230))								
				Introduces topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinary. 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	Laboratory	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
				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	Lecture	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
				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	2950	Introduction to Art Therapy	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PSY 1010								
				This course utilizes an interactive lecture and experiential approach to build an understanding of the history, theories, principles, and practices of contemporary art therapy. Students explore how psychology and psychotherapy intersect with the creative process. Using both art produced from classwork as well as from other sources, students learn and practice how to explore artwork non-judgmentally in a manner that promotes an increase of self-awareness, health and well-being, and the concrete experience of change. Additionally, students study the range and uses of art therapy in a variety of community as well as clinical settings.								
FAR	ART	ART	2970T	Studio Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC								
				Honors Tutorial College tutorial on studio art topics.								
FAR	ART	ART	2971T	Studio Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC								
				Honors Tutorial College tutorial on studio art topics.								
FAR	ART	ART	2980T	Studio Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Honors Tutorial College tutorial on studio art topics.								
FAR	ART	ART	2981T	Studio Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC								
				Honors Tutorial College tutorial on studio art topics.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3000J	Criticism in the Visual Arts	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses in 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.								
FAR	ART	ART	3100	Museum Fundamentals I	Lecture	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	3110	Digital Art + Technology II	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2110						
		COURSE DESC:		This is an advanced studio course where students expand the production and integration of digital techniques, technologies, and tools to create sequential, visual compositions and artworks, as well as methods of presenting them in the physical space for a contemporary audience. Students engage in critical analysis and practice through the histories, traditions, and experimental uses of 2D, 3D, 4D, time-based, and art-based computer imaging.								
FAR	ART	ART	3110	Digital Art + Technology II	Studio	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2110						
		COURSE DESC:		This is an advanced studio course where students expand the production and integration of digital techniques, technologies, and tools to create sequential, visual compositions and artworks, as well as methods of presenting them in the physical space for a contemporary audience. Students engage in critical analysis and practice through the histories, traditions, and experimental uses of 2D, 3D, 4D, time-based, and art-based computer imaging.								
FAR	ART	ART	3120	Creative Coding for Artists II	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2120						
		COURSE DESC:		This is an advanced studio course where students expand and transform their art concepts and practices through digital art explorations, computed creations, physical computing, and technological experimentations. Students expand the discourse of creating art on the computer and its physical, conceptual, cultural expressions, and dissemination tactics to present to, and interact with, audiences in the contemporary art world. Students explore and integrate professional experiences and abilities to utilize creative code and other technologies working in static or interactive 2D, 3D, and time-based mediums (4D).								
FAR	ART	ART	3120	Creative Coding for Artists II	Studio	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2120						
		COURSE DESC:		This is an advanced studio course where students expand and transform their art concepts and practices through digital art explorations, computed creations, physical computing, and technological experimentations. Students expand the discourse of creating art on the computer and its physical, conceptual, cultural expressions, and dissemination tactics to present to, and interact with, audiences in the contemporary art world. Students explore and integrate professional experiences and abilities to utilize creative code and other technologies working in static or interactive 2D, 3D, and time-based mediums (4D).								
FAR	ART	ART	3210	Advanced Ceramics	Lecture	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2210 and 2220 and two 2000-level studio art courses						
		COURSE DESC:		This course includes the exploration of alternative construction and surface application techniques in ceramics to foster expressive sophistication in the production of art. Mold-making is introduced as a tool for ceramic construction and to discuss contemporary issues in ceramics; such as, the reproduction, the found object, craft and the multiple. Independent artistic production is fostered alongside of technical skill building.								
FAR	ART	ART	3210	Advanced Ceramics	Studio	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2210 and 2220 and two 2000-level studio art courses						
		COURSE DESC:		This course includes the exploration of alternative construction and surface application techniques in ceramics to foster expressive sophistication in the production of art. Mold-making is introduced as a tool for ceramic construction and to discuss contemporary issues in ceramics; such as, the reproduction, the found object, craft and the multiple. Independent artistic production is fostered alongside of technical skill building.								
FAR	ART	ART	3220	Glaze Calculation & Materials	Laboratory	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	Lecture	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	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3230	Ceramics Wheel Throwing II	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	3330	Anatomical Modeling: Traditional Anatomical Sculpting and Casting	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JUNIOR or SENIOR) and (BIOS 1030 or BIOS 1300 or BIOS 1710) and (ART 1161 or ART 1191 or ART 1230 or ART 2210 or ART 2310)						
		COURSE DESC:		Anatomical Modeling is an introduction to a three-dimensional understanding of human body composition. Students undertake various anatomical sculpting and body casting processes and learn how these techniques can be applied to artmaking and scientific research.								
FAR	ART	ART	3330	Anatomical Modeling: Traditional Anatomical Sculpting and Casting	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JUNIOR or SENIOR) and (BIOS 1030 or BIOS 1300 or BIOS 1710) and (ART 1161 or ART 1191 or ART 1230 or ART 2210 or ART 2310)						
		COURSE DESC:		Anatomical Modeling is an introduction to a three-dimensional understanding of human body composition. Students undertake various anatomical sculpting and body casting processes and learn how these techniques can be applied to artmaking and scientific research.								
FAR	ART	ART	3410	Advanced Printmaking	Lecture	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2410 or 2420 or 2430 or ART 3530 or ART 3420) and Jr or Sr						
		COURSE DESC:		Students are introduced to advanced techniques toward the creation of original artwork using print media. Traditional methods in intaglio, relief, lithography and screenprinting are emphasized alongside of additional, contemporary modes of making. There is an expectation that students develop projects that align with personal and conceptual paths of research. Instruction includes demonstrations, lectures, viewing prints, group and individual critiques, discussion of contemporary and historical printmaking, and supervised studio work.								
FAR	ART	ART	3410	Advanced Printmaking	Studio	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two courses (ART 2410 or 2420 or 2430 or ART 3530 or ART 3420) and Jr or Sr						
		COURSE DESC:		Students are introduced to advanced techniques toward the creation of original artwork using print media. Traditional methods in intaglio, relief, lithography and screenprinting are emphasized alongside of additional, contemporary modes of making. There is an expectation that students develop projects that align with personal and conceptual paths of research. Instruction includes demonstrations, lectures, viewing prints, group and individual critiques, discussion of contemporary and historical printmaking, and supervised studio work.								
FAR	ART	ART	3420	Papermaking	Laboratory	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	Lecture	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	Lecture	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.								
FAR	ART	ART	3520	Graphic Design Studio II	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3520	Graphic Design Studio II	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	3571	Type Design: Designing, Drawing, and Developing Typefaces	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2520								
		COURSE DESC:		Students study techniques and processes used by professional type designers as well as the methodologies and software used to produce digital typefaces, and they apply these produce their own original functioning typeface that communicates a clear contextual or conceptual idea.								
FAR	ART	ART	3571	Type Design: Designing, Drawing, and Developing Typefaces	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2520								
		COURSE DESC:		Students study techniques and processes used by professional type designers as well as the methodologies and software used to produce digital typefaces, and they apply these produce their own original functioning typeface that communicates a clear contextual or conceptual idea.								
FAR	ART	ART	3600	Interior Architecture Studio III	Laboratory	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	Lecture	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	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3620	Interior Architecture Studio IV 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.	Lecture	4	0		N	U30		0
FAR	ART	ART	3631	Interior Architecture Pre-Professional Internship 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.	Seminar	2	0		N	U30		0
FAR	ART	ART	3632	Interior Architecture Professional Internship ELIGIBLE GRADES: GEC1: A-F REQUISITE: ART 3620 and 3631 COURSE DESC: This course is a professional employment experience that synthesizes work and academic study. Two hundred (200) on-site contact hours are completed while providing on-the-job training, education, and experience in the practice of interior architecture.	Internship	1	0	BLD	N	U30		0
FAR	ART	ART	3633	Interior Architecture Post-Professional Internship ELIGIBLE GRADES: GEC1: A-F REQUISITE: ART 3632 COURSE DESC: Students share experiences in visual, verbal, and written form with faculty and fellow students to demonstrate personal and professional growth gained through their internship in Interior Architecture.	Seminar	1	0		N	U30		0
FAR	ART	ART	3640	History of Furniture and Interior Design I 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.	Lecture	3	0		N	U30		0
FAR	ART	ART	3650	History of Furniture and Interior Design II 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.	Lecture	3	0		N	U30		0
FAR	ART	ART	3660	Professional Practices in Interior Design 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.	Lecture	3	0		N	U30		0
FAR	ART	ART	3670	Construction Documents 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.	Lecture	3	0		N	U30		0
FAR	ART	ART	3680	Sketching and Rendering for Interior Architecture ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: This course covers the introduction, exploration, and application of manual graphic communication techniques, essential skills from project ideation to presentation in interior architecture practice. These freehand drawing and rendering conventions are utilized as a vital means to imagine, develop, and represent design ideas through a variety of media including ink, colored pencils, and markers. Topics covered include rapid visualization drawing, ideation, basic perspective, appropriate point of view, composition, tonal contrast, light and shadow, color, textures, and details. Assignments not only encourage technical skill development, but also promote letting go of one's fear of failure and fostering creative capacity, talents that inspire innovative thinking.	Studio	4	0	2FA	N	U30		0
FAR	ART	ART	3710	Advanced Painting and Drawing: Investigative modes; Defining trajectories 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.	Lecture	4	8		N	U30		0
FAR	ART	ART	3710	Advanced Painting and Drawing: Investigative modes; Defining trajectories 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.	Studio	4	8		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3730	Anatomical Drawing and Figure Drawing	Lecture	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JUNIOR or SENIOR) and (BIOS 1030 or BIOS 1300 or BIOS 1710) and (ART 1111 or ART 1121 or ART 1200 or ART 1220)						
		COURSE DESC:		Anatomical Drawing and Figure Drawing is an introduction and overview of the technical aspects of figure drawing. Students use both analogue and digital anatomical illustration practices to explore ways that these techniques can be applied to artmaking as well as to scientific research.								
FAR	ART	ART	3730	Anatomical Drawing and Figure Drawing	Studio	4	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(JUNIOR or SENIOR) and (BIOS 1030 or BIOS 1300 or BIOS 1710) and (ART 1111 or ART 1121 or ART 1200 or ART 1220)						
		COURSE DESC:		Anatomical Drawing and Figure Drawing is an introduction and overview of the technical aspects of figure drawing. Students use both analogue and digital anatomical illustration practices to explore ways that these techniques can be applied to artmaking as well as to scientific research.								
FAR	ART	ART	3810	Advanced Photography	Lecture	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2810 and Jr or Sr						
		COURSE DESC:		This course provides an introduction to view camera operation and the basics of studio lighting. Students build on the fundamental technical skills and conceptual issues of analog black and white photography covered in ART 2810, with a special focus on refining darkroom skills and large scale printing. Through an introduction to its history and contemporary practitioners, students engage in dialogue about the aesthetic and conceptual potentials of film-based photography. In addition to skill building, there is an emphasis on the fundamental questions of why and how artists use these tools within the larger context of contemporary art. Class time is devoted to demonstrations, lab periods, presentations, discussions and critiques.								
FAR	ART	ART	3810	Advanced Photography	Studio	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2810 and Jr or Sr						
		COURSE DESC:		This course provides an introduction to view camera operation and the basics of studio lighting. Students build on the fundamental technical skills and conceptual issues of analog black and white photography covered in ART 2810, with a special focus on refining darkroom skills and large scale printing. Through an introduction to its history and contemporary practitioners, students engage in dialogue about the aesthetic and conceptual potentials of film-based photography. In addition to skill building, there is an emphasis on the fundamental questions of why and how artists use these tools within the larger context of contemporary art. Class time is devoted to demonstrations, lab periods, presentations, discussions and critiques.								
FAR	ART	ART	3820	Photographic Arts	Laboratory	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	3820	Photographic Arts	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Practicum	3	0	BLD	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	3960	Student Design Agency: OU Design Collaborative in the Community	Lecture	4	8		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		This course emphasizes incorporating design theory and practice in the applied context of a professional design studio setting. Student designers are responsible for the creation and production of communications solutions for on-campus and off-campus community partners, with an emphasis on partnering with nonprofit organizations and within the Ohio Valley Center for Collaborative Arts.								
FAR	ART	ART	3960	Student Design Agency: OU Design Collaborative in the Community	Studio	4	8		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		This course emphasizes incorporating design theory and practice in the applied context of a professional design studio setting. Student designers are responsible for the creation and production of communications solutions for on-campus and off-campus community partners, with an emphasis on partnering with nonprofit organizations and within the Ohio Valley Center for Collaborative Arts.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	3970T	Studio Tutorial	Tutorial	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	Tutorial	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	Lecture	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	Lecture	4	16		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BFA Studio Art major and 3 studio courses at the 3000-4000 level						
		COURSE DESC:		Critique Community is a workshop for the development of individual studio art practices. Students pursue individual projects of study, research, and production within disciplinary, multi-disciplinary and interdisciplinary frameworks. Students build upon skills initiated in their concentrated areas of study toward a new body of work as their culminating thesis project. In doing so, they explore means, methods, forms and strategies for exhibition or dissemination of the thesis work.								
				Ongoing critique experiences with the instructor and peers guide their project's progress throughout the semester. Discussion and readings help students to position their work within the discourse of contemporary practices. Presentation of ideas and concepts both verbally and in written statements accompany studio production.								
FAR	ART	ART	4000	Critique Community	Studio	4	16		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BFA Studio Art major and 3 studio courses at the 3000-4000 level						
		COURSE DESC:		Critique Community is a workshop for the development of individual studio art practices. Students pursue individual projects of study, research, and production within disciplinary, multi-disciplinary and interdisciplinary frameworks. Students build upon skills initiated in their concentrated areas of study toward a new body of work as their culminating thesis project. In doing so, they explore means, methods, forms and strategies for exhibition or dissemination of the thesis work.								
				Ongoing critique experiences with the instructor and peers guide their project's progress throughout the semester. Discussion and readings help students to position their work within the discourse of contemporary practices. Presentation of ideas and concepts both verbally and in written statements accompany studio production.								
FAR	ART	ART	4510	Graphic Design Studio III	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	4600	Interior Architecture Studio V	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 3620						
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	4600	Interior Architecture Studio V	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 3620						
		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	4620	Senior Seminar--Professional Evaluation	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 2920						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ART 4600 and 4610) or concurrent						
		COURSE DESC:		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	Lecture	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two 3000-level Studio Art courses and Sr						
		COURSE DESC:		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	Practicum	1 to 4	4	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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 Study	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required and ART major and Sr only						
		COURSE DESC:		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 Study	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required and ART major and Sr only						
		COURSE DESC:		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	Lecture	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	BFA major and Sr only						
		COURSE DESC:		CR, PR Preparation for senior presentation and portfolio. Requirement for all BFA studio majors.								
FAR	ART	ART	4952	Studio Art BFA Exhibit	Laboratory	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	BFA major and Sr only						
		COURSE DESC:		CR, PR Completion and installation of BFA Exhibition. Requirement for all studio majors.								
FAR	ART	ART	4952	Studio Art BFA Exhibit	Lecture	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	BFA major and Sr only						
		COURSE DESC:		CR, PR Completion and installation of BFA Exhibition. Requirement for all studio majors.								
FAR	ART	ART	4954	Graphic Design Practicum	Lecture	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 3520 and Sr only						
		COURSE DESC:		CR, PR Preparation for senior presentation and portfolio. Requirement for all studio majors.								
FAR	ART	ART	4956	Graphic Design BFA Exhibit	Laboratory	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 3520 and Sr only						
		COURSE DESC:		CR, PR Completion and installation of BFA Exhibition. Requirement for all studio majors.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	4956	Graphic Design BFA Exhibit	Lecture	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 3520 and Sr only								
		CR, PR										
		COURSE DESC:		Completion and installation of BFA Exhibition. Requirement for all studio majors.								
FAR	ART	ART	4958	Interior Architecture VI: Thesis Studio	Laboratory	4	0	3; CAP	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	Lecture	4	0	3; CAP	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	Studio Art Capstone	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (BA Studio Art major or BFA Studio Art major with a concentration in Art Therapy) and (2 courses in studio art at 3000 or 4000 level) and Sr								
		COURSE DESC:		This is a capstone experience for BA studio art majors and BFA Studio majors with a concentration in Art Therapy. Students explore career possibilities in art and related fields and determine how best to market their skills based on career goals. An individualized capstone project is undertaken which can take the form of a research paper, publication, community project, exhibition or other creative work that synthesizes the interdisciplinary research developed throughout their program.								
FAR	ART	ART	4970T	Studio Tutorial	Tutorial	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	Tutorial	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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Jr or Sr								
		CR, PR										
		COURSE DESC:		Designed to provide an alternative approach to the thinking and making of art.								
FAR	ART	ART	5000	Graduate Teaching Seminar	Seminar	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	Lecture	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	Laboratory	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	Lecture	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	5120	Drawing	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5120	Drawing	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5125	Working with Artists & Publics	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides a comprehensive analysis of strategies, from the traditional to the experimental, for arts organization working with both artists and diverse publics. Participants review practical and ethical considerations as they examine such areas as curation, residencies, public projects, written projects, interdisciplinary collaborations, community formation, and social engagement. Participants also undertake their own projects organizing and supporting contemporary artists in a variety of contexts.								
FAR	ART	ART	5130	Art Worlds: Intersections & Modalities	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course disrupts monolithic conceptions of the "art world" by asking participants to map the various institutions, organizations, and communities making up this ecosystem. Participants consider both practical and philosophical concerns, from capital flow and systems of power to radical economies and community involvement. Special attention is paid to the overlaps, collaborations, and conflicts experienced by entities within their respective art worlds.								
FAR	ART	ART	5140	Envisioning Art Organizations	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course is a detail-oriented practicum focused on the paper trail of art organizations: mission statements, grant applications, legal filings, and more. Participants conduct in-depth field investigations of several art organizations using publicly available data to assess their strengths, weaknesses, and trajectories. Participants also imagine their own art organizations and generate a significant amount of official written material for these, including their own grant applications. Additionally, the course features several guests from grant-giving organizations who share their experiences evaluating applications.								
FAR	ART	ART	5210	Ceramics	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5210	Ceramics	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5220	Ceramics II	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: ART 5210								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5220	Ceramics II	Seminar	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: ART 5210								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5310	Sculpture	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				CR, PR								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	ART	5310	Sculpture	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:								
				CR, PR								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	ART	5320	Sculpture II	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: ART 5310								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5320	Sculpture II	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: ART 5310								
				CR, PR								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5410	Printmaking	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:								
				CR, PR								
		COURSE DESC:		Seminar content will vary.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5410	Printmaking	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Seminar content will vary.								
FAR	ART	ART	5420	Printmaking II	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410								
		COURSE DESC:		CR, PR Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5420	Printmaking II	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410								
		COURSE DESC:		CR, PR Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5510	Graphic Design I	Laboratory	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	Lecture	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	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5510								
		COURSE DESC:		CR, PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5510								
		COURSE DESC:		CR, PR 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	Laboratory	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	5540	Typography and Image	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	5571	Type Design: Designing, Drawing, and Developing Typefaces	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Students study techniques and processes used by professional type designers as well as the methodologies and software used to produce digital typefaces, and they apply these produce their own original functioning typeface that communicates a clear contextual or conceptual idea.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5571	Type Design: Designing, Drawing, and Developing Typefaces ELIGIBLE GRADES: COURSE DESC:	Studio	4	0		N	G40		0
				GEC1: A-F REQUISITE: Students study techniques and processes used by professional type designers as well as the methodologies and software used to produce digital typefaces, and they apply these produce their own original functioning typeface that communicates a clear contextual or conceptual idea.								
FAR	ART	ART	5620	Methods for Teaching Art ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G40		0
				GEC1: A-F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G40		0
				GEC1: A-F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G40		0
				GEC1: A-F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G40		0
				GEC1: A-F REQUISITE: Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.								
FAR	ART	ART	5710	Painting ELIGIBLE GRADES: COURSE DESC:	Laboratory	3 to 5	12		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Seminar content will vary.								
FAR	ART	ART	5710	Painting ELIGIBLE GRADES: COURSE DESC:	Lecture	3 to 5	12		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Seminar content will vary.								
FAR	ART	ART	5720	Painting II ELIGIBLE GRADES: COURSE DESC:	Laboratory	3 to 5	15		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: ART 5710 Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5720	Painting II ELIGIBLE GRADES: COURSE DESC:	Lecture	3 to 5	15		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: ART 5710 Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5810	Photography ELIGIBLE GRADES: COURSE DESC:	Laboratory	3 to 5	12		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Seminar content will vary.								
FAR	ART	ART	5810	Photography ELIGIBLE GRADES: COURSE DESC:	Lecture	3 to 5	12		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: Seminar content will vary.								
FAR	ART	ART	5820	Photography II ELIGIBLE GRADES: COURSE DESC:	Laboratory	3 to 5	15		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: ART 5810 Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	ART	5820	Photography II ELIGIBLE GRADES: COURSE DESC:	Lecture	3 to 5	15		N	G40		0
				GEC4: A-F, CR, PR REQUISITE: ART 5810 Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	5900	Studio Art Topics	Lecture	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Practicum	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	Practicum	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 Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Independent research projects will vary with each offering.								
FAR	ART	ART	5932	Independent Study-Readings	Ind Study	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Readings, discussions, and presentations exploring relationship between various visual arts disciplines.								
FAR	ART	ART	6010	Thesis Proposal Seminar	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Prepares students to become effective speakers and writers of thesis project proposals.								
FAR	ART	ART	6020	Professional Practices	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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.								
FAR	ART	ART	6200	Ceramics Seminar	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Lectures, discussions, field trips, slide and film presentations dealing with contemporary issues in ceramic art.								
FAR	ART	ART	6210	Ceramics III	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6210	Ceramics III	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6220	Ceramics IV	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	6220	Ceramics IV	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6300	Sculpture Seminar	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Projects, research, and discussion of topics of specific interest and concern to sculptors.								
FAR	ART	ART	6310	Sculpture III	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6310	Sculpture III	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6320	Sculpture IV	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6310 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6320	Sculpture IV	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6310 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6400	Printmaking Seminar	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Discussions, readings, presentations, and papers on topics of specific interest and concern to printmakers.								
FAR	ART	ART	6410	Printmaking III	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5420 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6410	Printmaking III	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5420 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6420	Printmaking IV	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6410 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6420	Printmaking IV	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6410 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6500	Graphic Design Seminar	Lecture	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520 CR, PR								
		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	Laboratory	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520 CR, PR								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	6520	Graphic Design III	Lecture	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5520 CR, PR								
		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	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Discussions, readings, presentations, and papers related to developments in recent painting.								
FAR	ART	ART	6710	Painting III	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5720 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6710	Painting III	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5720 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6720	Painting IV	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6710 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6720	Painting IV	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6710 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6800	Photography Seminar	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5820 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6810	Photography III	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5820 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6820	Photography IV	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6810 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6820	Photography IV	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6810 CR, PR								
		COURSE DESC:		Development of concepts leading toward studio thesis.								
FAR	ART	ART	6900	Special Topics in Art	Lecture	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	ART	ART	6950	Studio Art Written Thesis	Thesis	.5 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Written studio art thesis.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	ART	7960	MFA Studio Thesis	Lecture	.5 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	Lecture	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	1010	Intro to Modern Dance	Studio	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	DANC	DANC	1020	Intro to Dance Ballet	Studio	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	DANC	DANC	1040	Intro to Dance Jazz I	Studio	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	DANC	DANC	1050	Introduction to African Dance Technique	Studio	1.5	3		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	REQUISITE: 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	DANC	DANC	1070	Introduction to Hip Hop Dance	Studio	1	2		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course introduces students to Hip Hop dance. The course emphasizes beginner level learning of the percussive, improvisational, and communal aspects of Hip Hop and the polyrhythmic and polycentric nature of the form. Class work focuses on learning movement that utilizes a curved spine, bent knees, and rhythmic integration of the whole body. Students also participate in call and respond exercises, playful improvisations, and discussions about the personal, social, historical, and cultural contexts of hip-hop.								
FAR	DANC	DANC	1080	Introduction to Tap Dance	Studio	1	2		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course introduces students to tap dance. Class work focuses on beginning level warm-up sequences, across the floor progressions, and center floor combinations that teach students the basic steps and technical principles of tap. Emphasis is placed on rhythms, foot articulations, alignment, and the development of listening skills to create a whole-body approach to learning tap. Additionally, students study the history of the form, classic Broadway tap (1920's to present), and soft shoe and swing rhythms. Class work includes call and respond exercises, improvisation, choreographic study, and discussion.								
FAR	DANC	DANC	1090	Musical Theater Dance	Studio	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: DANC 1040, 1240, 2040, or 2240 This course broadens the technical and stylistic range, movement vocabulary, and aesthetic choices of students through exploration of the diverse genres of musical theater dance. The course focuses on challenging, high energy warm-up sequences, across the floor progressions, and center floor combinations that require students to apply a robust physical practice. This course uses a variety of approaches to train the body including: Bartenieff Fundamentals, Improvisation, technical studies from Ballet, Tap, Hip-Hop, Jazz, Modern, and musical theater repertory. Students learn about historical and current musical theater choreographers and styles. Other class activities include discussions, musicianship, choreographic study, audition preparation, and various partnering exercises.								
FAR	DANC	DANC	1110	Music for Dance I	Lecture	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Dance major or minor Nature and principles of rhythmic structure in dance and music.								
FAR	DANC	DANC	1110	Music for Dance I	Studio	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Dance major or minor Nature and principles of rhythmic structure in dance and music.								
FAR	DANC	DANC	1210	Modern Dance Technique I	Studio	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	DANC	DANC	1211	Modern Dance Technique II	Studio	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	1220	Ballet Technique I	Studio	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Dance major or minor						
		COURSE DESC:		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	DANC	DANC	1221	Ballet Technique II	Studio	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 1220						
		COURSE DESC:		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	DANC	DANC	1230	Beginning Dance Composition I	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Dance major or minor						
		COURSE DESC:		Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.								
FAR	DANC	DANC	1230	Beginning Dance Composition I	Studio	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Dance major or minor						
		COURSE DESC:		Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.								
FAR	DANC	DANC	1231	Beginning Dance Composition II	Laboratory	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	DANC	DANC	1231	Beginning Dance Composition II	Studio	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	DANC	DANC	1240	Jazz Dance Technique I	Studio	1.5	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		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	DANC	DANC	1250	African Dance Technique I	Studio	1.5	3		N	U10		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Dance major or minor						
		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	DANC	DANC	1270	Hip Hop Dance Technique I	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 1070 or permission						
		COURSE DESC:		This is an intermediate course that focuses on applying and integrating movement that utilizes a curved spine, bent knees, and complex rhythmic patterns with the whole body. The course emphasizes intermediate level learning of the percussive, improvisational, and communal aspects of Hip Hop and the polyrhythmic and polycentric nature of the form. Students also explore ideas of personal style, musicality, spatial awareness, gesturing and attitude/individuality. Students readily participate in call and respond exercises, playful improvisations, and discussions about the use of Hip Hop in musical theater and contemporary jazz dance.								
FAR	DANC	DANC	1280	Tap Dance I	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 1080 or permission.						
		COURSE DESC:		This is an intermediate level tap dance course that focuses on warm-up sequences, across the floor progressions, and center floor combinations that advance students technical proficiencies in tap. Students expand their technical capabilities and aesthetic range with work on complex rhythms, steps, foot articulations, and whole-body alignment. Students expand their expressive potential for tap dance through application of listening skills, personal musicianship, and study of contemporary forms and diverse styles of tap dance. Class work also includes call and respond exercises, improvisation, choreographic study, and discussion.								
FAR	DANC	DANC	1700	The Dance Experience	Lecture	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	DANC	DANC	1700	The Dance Experience	Studio	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	DANC	DANC	1800	Summer Dance Experience	Studio	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	1801	Dance Production I	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr only								
		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	DANC	DANC	1801	Dance Production I	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr only								
		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	DANC	DANC	2010	Dance Technique II Modern	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1010								
		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	DANC	DANC	2020	Dance Technique II Ballet	Studio	1.5	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1020								
		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	DANC	DANC	2040	Dance Technique II Jazz	Studio	1.5	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1040								
		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.								
FAR	DANC	DANC	2050	African Dance Technique II	Studio	1.5	3		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: DANC 1050								
		COURSE DESC:		CR 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	DANC	DANC	2210	Modern Dance Technique III	Studio	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	DANC	DANC	2211	Modern Dance Technique IV	Studio	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	DANC	DANC	2220	Ballet Technique III	Studio	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	DANC	DANC	2221	Ballet Technique IV	Studio	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	DANC	DANC	2230	Intermediate Dance Composition I	Laboratory	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	DANC	DANC	2230	Intermediate Dance Composition I	Studio	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	2231	Intermediate Dance Composition II	Laboratory	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	DANC	DANC	2231	Intermediate Dance Composition II	Studio	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	DANC	DANC	2235	Dance Improvisation	Studio	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	DANC	DANC	2240	Jazz Dance Technique II	Studio	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	DANC	DANC	2250	African Dance Technique II	Studio	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	DANC	DANC	2270	Hip Hop Dance Technique II	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1270 or permission								
		COURSE DESC:		This is an advanced Hip Hop course that broadens the application and integration of students' technical proficiencies, expressivity, and musicality. The course emphasizes advanced level learning of complex and lengthy movement combinations to employ the polyrhythmic and polycentric nature of the form. Students further develop and express rhythmic and spatial awareness, dynamic range, and stylistic execution of technique. Students readily lead call and respond exercises, create improvisations, and participate in discussions and choreographic studies about the fusion styles of Hip Hop that span historical and contemporary jazz dance.								
FAR	DANC	DANC	2280	Tap Dance II	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1280 or permission								
		COURSE DESC:		This is an advanced tap course that broadens the technical range, movement vocabulary, and aesthetic choices of students. Course exploration focuses on challenging, extended warm-up sequences, across the floor progressions, and center floor combinations that require students to apply technical proficiencies in tap. This course aims to expand the technical and expressive capacities of students through continued work on intricate rhythms, steps, and foot articulations that require whole body integration. Additionally, students explore a fusion of historical and contemporary forms of tap dance and participate in the advanced study of improvisation, choreographic study, and musicianship.								
FAR	DANC	DANC	2550	Dance Cultures of the World I	Lecture	3	0	2FA; FIE; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course facilitates the critical examination of dance (and accompanying music) in varied cultural worldwide frameworks. Dances from Africa, Asia, Europe, the Caribbean, and Latin America are examined on film, in live performances, through readings, and in studio experiences. Students learn to reflect on cultural differences and how those impact traditional and contemporary dance practices.								
FAR	DANC	DANC	2550	Dance Cultures of the World I	Studio	3	0	2FA; FIE; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course facilitates the critical examination of dance (and accompanying music) in varied cultural worldwide frameworks. Dances from Africa, Asia, Europe, the Caribbean, and Latin America are examined on film, in live performances, through readings, and in studio experiences. Students learn to reflect on cultural differences and how those impact traditional and contemporary dance practices.								
FAR	DANC	DANC	2561	Ethnic Dance of Western Cultures	Lecture	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	DANC	DANC	2561	Ethnic Dance of Western Cultures	Studio	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	DANC	DANC	2700	Languages of Dance	Lecture	3	0	2FA; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to dance analysis and dance studies, with emphasis on perceiving and understanding dance in cultural and historical contexts. Students explore dance aesthetics across a range of global examples and learn to describe and analyze dances with attention to both form and function.								

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COURSE LISTING
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FAR	DANC	DANC	2710	Black Dance Forms	Lecture	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Dance forms from the African diaspora and influenced by African Americans have had a profound effect on American social, popular, and artistic dance. This course combines lectures, viewings, readings, discussions, and studio experiences to familiarize students with these forms, and to critically examine the impact of these dances on American culture.								
FAR	DANC	DANC	2710	Black Dance Forms	Studio	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Dance forms from the African diaspora and influenced by African Americans have had a profound effect on American social, popular, and artistic dance. This course combines lectures, viewings, readings, discussions, and studio experiences to familiarize students with these forms, and to critically examine the impact of these dances on American culture.								
FAR	DANC	DANC	2801	Lighting for Dance	Laboratory	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	DANC	DANC	2801	Lighting for Dance	Lecture	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	DANC	DANC	2900	Special Topics in Dance	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
FAR	DANC	DANC	2970T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	2971T	Dance Tutorial	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	2980T	Dance Tutorial	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	2981T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	3010	Dance Technique III Modern	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 2010						
		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.								
FAR	DANC	DANC	3020	Dance Technique III Ballet	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 2020						
		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.								

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COURSE LISTING
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FAR	DANC	DANC	3040	Dance Technique III Jazz	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2040								
		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.								
FAR	DANC	DANC	3050	African Dance Technique III	Studio	1.5	3		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: DANC 2050								
		COURSE DESC:		CR 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.								
FAR	DANC	DANC	3120	Music for Dance II	Studio	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 1110								
		COURSE DESC:		Also for music composition majors who wish to write for dance theater. History of music for dance. Choreographer-composer relationship.								
FAR	DANC	DANC	3130	Dance Notation I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Principles of dance notation.								
FAR	DANC	DANC	3150	Laban Movement Analysis	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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.								
FAR	DANC	DANC	3150	Laban Movement Analysis	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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.								
FAR	DANC	DANC	3210	Modern Dance Technique V	Studio	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2211								
		COURSE DESC:		Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.								
FAR	DANC	DANC	3211	Modern Dance Technique VI	Studio	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3210								
		COURSE DESC:		Continuation of 3210. Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.								
FAR	DANC	DANC	3220	Ballet Technique V	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2221								
		COURSE DESC:		Employment of technical skills through more complex balletic patterns and expanded classical vocabulary. Additional emphasis on performance, phrasing, and dynamics.								
FAR	DANC	DANC	3221	Ballet Technique VI	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3220								
		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	DANC	DANC	3230	Advanced Dance Composition I	Laboratory	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2231 and Dance Major BF5151 or BF5154 or BF1906								
		COURSE DESC:		The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.								
FAR	DANC	DANC	3230	Advanced Dance Composition I	Lecture	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 2231 and Dance Major BF5151 or BF5154 or BF1906								
		COURSE DESC:		The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.								
FAR	DANC	DANC	3231	Advanced Dance Composition II	Laboratory	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3230 and BFA Dance Major								
		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	DANC	DANC	3231	Advanced Dance Composition II	Lecture	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3230 and BFA Dance Major								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	3250	African Dance Technique III	Studio	1	3		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: DANC 2250 and dance major or minor								
				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	DANC	DANC	3280	Dance Repertory	Studio	1 to 2	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: DANC majors and audition								
				Rehearsal and performance of choreographic works taught by choreographer or reconstructors with aid of videotape, film, and/or dance scores.								
FAR	DANC	DANC	3300	Dance Kinesology I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	3300	Dance Kinesology I	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	3301	Pilates Reformer Training	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	3302	Pilates Mat Training	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				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.								
FAR	DANC	DANC	3303	Bartenieff Fundamentals	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				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	DANC	DANC	3304	Yoga: Principles and Practice	Studio	1	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	3360	Dance Movement Lab	Studio	.5 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				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	DANC	DANC	3405	Dance Pedagogy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Dance major or minor								
				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	DANC	DANC	3405	Dance Pedagogy	Practicum	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Dance major or minor								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	3600	Dance Colloquium	Seminar	.5 to 1	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Dance major or minor						
		COURSE DESC:		This course provides students with models of artistic and scholarly work in the field of dance. It offers a series of workshops and presentations by: 1) students in Dance Composition courses; 2) seniors working on capstone projects, including projects in choreography and performance; 3) graduate students presenting research; 4) faculty members who offer special workshops on career preparation and research strategies; 5) faculty who present their own research; and 6) visiting artists or scholars who present their research. The content of the workshops and presentations changes each semester.								
FAR	DANC	DANC	3801	Dance Production II	Laboratory	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	DANC 1801						
		COURSE DESC:		CR	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	DANC	DANC	3970T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	3980T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	4010	Dance Technique IV Modern	Studio	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.								
FAR	DANC	DANC	4020	Dance Technique IV Ballet	Studio	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	DANC	DANC	4040	Dance Technique IV Jazz	Studio	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	DANC	DANC	4210	Modern Dance Technique VII	Studio	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	DANC	DANC	4211	Modern Dance Technique VIII	Studio	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	DANC	DANC	4220	Ballet Technique VII	Studio	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	DANC	DANC	4221	Ballet Technique VIII	Studio	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	DANC	DANC	4300	Dance Kinesiology II	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	4300	Dance Kinesiology II 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.	Studio	3	0		N	U30		0
FAR	DANC	DANC	4410	Teaching Dance I (Children) 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.	Laboratory	2	0		N	U30		0
FAR	DANC	DANC	4410	Teaching Dance I (Children) 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.	Lecture	2	0		N	U30		0
FAR	DANC	DANC	4420	Teaching Dance II (Adults) ELIGIBLE GRADES: GEC1: A-F REQUISITE: DANC 3405 COURSE DESC: Principles of teaching dance and their practical application for ages 13 and older.	Laboratory	2	0		N	U30		0
FAR	DANC	DANC	4420	Teaching Dance II (Adults) ELIGIBLE GRADES: GEC1: A-F REQUISITE: DANC 3405 COURSE DESC: Principles of teaching dance and their practical application for ages 13 and older.	Lecture	2	0		N	U30		0
FAR	DANC	DANC	4550	Dance Ethnography: Intellectualizing the Body's Motion ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr 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.	Lecture	3	0	2CP	N	U30		0
FAR	DANC	DANC	4710	Histories of Modern and Postmodern Choreography and Practice ELIGIBLE GRADES: GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.	Lecture	3	0	2FA	N	U30		0
FAR	DANC	DANC	4711	Writing Dance and Gender ELIGIBLE GRADES: GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: This Advanced Writing course engages with dance studies that examine dance in cultural, historical, and contemporary contexts in relation to questions of gender and sexuality. Through a variety of texts, students become conversant with terminology, concepts, and theories of gender studies, sexuality studies, and feminist dance history. The course places particular emphasis on the writing and revision process, as students write several short responses to texts and performances, provide peer feedback, and practice revising their writing. The course culminates in a research paper on a topic related to dance and gender.	Lecture	3	0	1J; FAW	N	U30		0
FAR	DANC	DANC	4750	Dance in Non-Western Expressive Cultures ELIGIBLE GRADES: GEC1: A-F REQUISITE: 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.	Lecture	3	0	2FA	N	U30		0
FAR	DANC	DANC	4750	Dance in Non-Western Expressive Cultures ELIGIBLE GRADES: GEC1: A-F REQUISITE: 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.	Studio	3	0	2FA	N	U30		0
FAR	DANC	DANC	4800	Senior Capstone ELIGIBLE GRADES: GEC1: A-F REQUISITE: DANC 3231 and Sr only 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.	Laboratory	3	6	3; CAP	N	U30		0
FAR	DANC	DANC	4800	Senior Capstone ELIGIBLE GRADES: GEC1: A-F REQUISITE: DANC 3231 and Sr only 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.	Seminar	3	6	3; CAP	N	U30		0
FAR	DANC	DANC	4800	Senior Capstone ELIGIBLE GRADES: GEC1: A-F REQUISITE: DANC 3231 and Sr only 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.	Studio	3	6	3; CAP	N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	4830	Dance Choreography and Video Techniques	Lecture	1.5	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR 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.								
FAR	DANC	DANC	4830	Dance Choreography and Video Techniques	Studio	1.5	6		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR 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.								
FAR	DANC	DANC	4900	Special Topics in Dance	Lecture	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.								
FAR	DANC	DANC	4904	Special Topics in Dance - Capstone	Seminar	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	DANC	DANC	4904	Special Topics in Dance - Capstone	Studio	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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	DANC	DANC	4910	Dance Internship	Internship	.5 to 3	32	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Maximum of 32 credits may be taken.								
		COURSE DESC:		CR 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	DANC	DANC	4924	Practicum in Teaching Dance	Practicum	1 to 2	8	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DANC 3405 and (4410 or 441 or 4420)								
		COURSE DESC:		Student teaching under supervision.								
FAR	DANC	DANC	4930	Independent Study	Ind Study	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Independent study in dance studies with content determined by faculty-student contract.								
FAR	DANC	DANC	4970T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	4980T	Dance Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Honors Tutorial on topics in Dance Studies.								
FAR	DANC	DANC	5150	Laban Movement Analysis	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
FAR	DANC	DANC	5150	Laban Movement Analysis	Studio	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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FAR	DANC	DANC	5210	Graduate Modern Dance Technique	Studio	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This studio-based course provides opportunities for graduate students to deepen and refine their proficiency in modern dance technique. Students participate in studio classes in which they perform advanced-level movement phrases and practice ways of sensing and responding in movement. Particular emphasis is placed on musical phrasing, dynamics, and subtle demands of expressivity in movement. Concepts from improvisational practices and somatic techniques such as Klein/Mahler or Bartenieff Fundamentals bring awareness to physical states.								
FAR	DANC	DANC	5230	Advanced Dance Composition I	Laboratory	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.								
FAR	DANC	DANC	5230	Advanced Dance Composition I	Lecture	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.								
FAR	DANC	DANC	5250	African Dance Technique III	Studio	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	DANC	DANC	5300	Dance Kinesiology I	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	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	DANC	DANC	5300	Dance Kinesiology I	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	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	DANC	DANC	5301	Pilates Reformer Training	Studio	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	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	DANC	DANC	5302	Pilates Mat Training	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	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	DANC	DANC	5303	Bartenieff Fundamentals	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	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 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	DANC	DANC	5304	Yoga: Principles and Practice	Studio	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	5360	Dance Movement Laboratory	Studio	.5 to 5	5		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	5550	Dance Ethnography: Intellectualizing the Body's Motion	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	5600	Dance Colloquium	Seminar	.5 to 1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course provides students with models of artistic and scholarly work in the field of dance. It offers a series of workshops and presentations by: 1) students in Dance Composition courses; 2) seniors working on capstone projects, including projects in choreography and performance; 3) graduate students presenting research; 4) faculty members who offer special workshops on career preparation and research strategies; 5) faculty who present their own research; and 6) visiting artists or scholars who present their research. The content of the workshops and presentations changes each semester.								
FAR	DANC	DANC	5710	Histories of Modern & Post Modern Choreography and Practice	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.								
FAR	DANC	DANC	5711	Dance, Sexuality and Gender	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	DANC	DANC	5750	Dance in Non-Western Expressive Cultures	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
FAR	DANC	DANC	5750	Dance in Non-Western Expressive Cultures	Studio	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
FAR	DANC	DANC	5900	Special Topics in Dance	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.								
FAR	DANC	DANC	5924	Practicum in Teaching Dance	Practicum	1 to 2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Student teaching under supervision.								
FAR	DANC	DANC	6260	Leading Community Dance	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This studio-based course provides opportunities for graduate students to synthesize and apply community dance theory and practice with undergraduates and community members. Graduate students in this course are both participants and facilitators as they identify potential community partners, and lead dance sessions with people of varying ages and abilities. Students discuss concerns and challenges with implementation of dance experiences and identify resources that support stewardship of community dance. Students have the opportunity for independent investigation of a question, challenge, or project related to their interests and investigations of how theory is connecting to the studio-based experience. A substantial portion of the final grade comes from this independent investigation and final presentation of the work.								
FAR	DANC	DANC	6405	Issues and Methods in Dance Pedagogy	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the teaching and learning of dance. Dance pedagogy is considered through artistic, personal, cultural, and interdisciplinary connections as well as how individuals identify, understand, and express themselves. Students evaluate and apply various teaching methods, assessment and evaluation practices, and culturally relevant pedagogy. Best practices in the skills of creating, responding, and connecting are studied in order to meet learners on a continuum of knowledge. Dance education is further considered within community dance contexts.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DANC	DANC	6460	Community Dance Theory and Practice	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course offers a clear introduction to community dance practices, its purpose, and core values. The course is designed to provide students with the ability to integrate the theoretical studies of artistry, civic engagement, and dance content knowledge with pedagogical considerations in implementing a community dance project, program, and/or performance. Students gain an understanding of how particular topics or problems within a community dance practice are organized and adapted to the interests and abilities of participants. Students also examine the importance of diversity in community dance and consider issues of representation and inclusion.								
FAR	DANC	DANC	6620	Seminar in Dance Studies Research	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides an introduction to scholarship and research methodologies in dance studies. Students become conversant with key theories and methodologies that have shaped the interdisciplinary field of dance research. Topics include cultural, social, aesthetic, and educational dance contexts; types of primary sources for dance research; and considerations in research design.								
FAR	DANC	DANC	6900	Special Topics in Dance	Lecture	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	DANC	DANC	6910	Dance Internship	Internship	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	DANC	DANC	6930	Independent Study	Ind Study	1 to 10	20		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar contents varies.							
FAR	DANC	DANC	6960	Community Dance Capstone Project	Thesis	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DANC 6260, 6405, 6460, and 6620						
		COURSE DESC:		This course offers students an opportunity to put their prior studies of dance artistry, civic engagement, dance content knowledge, and pedagogical theory into practice by implementing a community dance project, performance, and/or research project. Students gain a deeper, experiential understanding of how particular topics or problems within community dance settings and practices are organized and adapted to the interests and abilities of participants. Students hone their communication and advocacy skills through the implementation and presentation of a final capstone project.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FAR	FAR	1500	Viewing the Arts	Lecture	3	0	2FA; FIE; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the Schools of Music, Dance, Theater, Film, and Fine Art with a course dealing with characteristics of the medium and artistic concerns to promote cultural empathy.								
FAR	FAR	FAR	2900	Special Topics in Fine Arts	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	REQUISITE: Specific course content will vary with offering.							
FAR	FAR	FAR	4500	30 Mile Studio: Community Arts Engagement	Discussion	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	30-Mile Studio (30MS) is an interdisciplinary fine arts studio devoted to place-based, social practices in the region. Each semester, the 30MS partners a team of students with a community organization. Working together, we investigate and implement the principles of community-centered arts through projects that address regional needs. This course is intended for students seeking professional theories and methods in community engagement, creative placemaking, and social entrepreneurship across the arts. All disciplines are welcome.							
FAR	FAR	FAR	4500	30 Mile Studio: Community Arts Engagement	Studio	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	30-Mile Studio (30MS) is an interdisciplinary fine arts studio devoted to place-based, social practices in the region. Each semester, the 30MS partners a team of students with a community organization. Working together, we investigate and implement the principles of community-centered arts through projects that address regional needs. This course is intended for students seeking professional theories and methods in community engagement, creative placemaking, and social entrepreneurship across the arts. All disciplines are welcome.							
FAR	FAR	FAR	5100	Introduction to Arts Administration	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	This course explores non-profit arts institutions, how they are organized, and how they are managed. Areas covered include mission, strategy, marketing, programming, fundraising, community engagement, arts law and how each of these components interacts with the artistic program of an arts organization. Students consider a wide range of career opportunities for arts administrators and discuss current issues in the arts industry.							
FAR	FAR	FAR	5200	Concepts, Communications, and Considerations in Arts Management	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: FAR 5100	Effective communication is vital for the success of arts organizations. Concepts and skills in this course draw from the fields of communications, public relations, cultural policy, marketing, and strategic planning to help students approach communication in ways that build understanding of, and commitment to, organizational mission, strategic initiatives, and fundraising activities. Areas covered include a range of communication across a variety of platforms to develop a strategic plan focused on the organization's story, building capacity with internal and external stakeholders, and engaging with culturally responsible management practices. This is a required course for all students pursuing the Arts Administration MA degree and the Graduate Certificate in Arts Administration.							
FAR	FAR	FAR	5300	Funding and Development for Arts Organizations	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	This course focuses on a variety of development topics and approaches including, but not limited to, capital campaigns, grant writing, and management of strategic resources and revenue streams for arts organizations. Students gain a working knowledge of perspectives, techniques, and principles of nonprofit fundraising. Students learn to analyze and evaluate fundraising efforts and methods. Students also think critically and creatively about challenges facing arts organizations and how relationships with boards, donors, and stakeholders shape those dynamics and considerations. Students have the opportunity to focus on team building and work collaboratively on interest-driven group projects. This is a required course for all students pursuing the Arts Administration MA degree and the Graduate Certificate in Arts Administration.							
FAR	FAR	FAR	5403	The Artist in Healthcare	Lecture	3	9		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Enrollment in Master of Applied Arts in Health and (IART 5801 and IART 5802)	The Artist in Healthcare course is designed specifically for students enrolled in the Master of Applied Arts in Health graduate program. In this course, students learn how artists in community settings support health and well-being by facilitating and delivering fine arts experiences. Students learn about Scope of Practice of artists from a variety of healthcare disciplines, and how to appropriately and ethically deliver arts-based experiences within Arts in Health settings.							
FAR	FAR	FAR	5901	Special Topics in Arts in Health	Seminar	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: IART 5801	This course is designed to explore current topics of relevance for Arts in Health communities in the United States and across the world. Topics may be related to but are not limited to current community Arts in Health practices, research on Arts in Health, current medical practices in Arts in Health, or specific Arts in Health communities served. This course is required for students in the Applied Arts in Health Master's program.							
FAR	FAR	FAR	5910	Professional Internship in Arts Administration	Internship	6	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	The Professional Internship is the required, culminating experience of the Arts Administration MA degree and applies and synthesizes coursework. Advisor must approve all internship placements. During the professional internship, students continue to explore programmatic learning objectives and focus on topics including: organizational culture, structure and governance; marketing and resource allocation; programming and education; mission, vision, law, and ethics; fundraising and grants management; and community engagement. Students enrolled in the Professional Internship meet weekly to focus on various symposium issues of professional practice. The discussion component of this course is designed to be adaptive and responsive to emergent topics and issues that occur during the internship experience. As part of the course, and with instructor guidance and feedback, students develop their final capstone projects or portfolios.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FAR	FAR	5911	Arts in Health Professional Internship	Internship	1 to 9	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		The purpose of the Arts in Health Professional Internship course is to provide students in the Applied Arts in Health Master's Degree an in depth immersive culminating experience where they can synthesize knowledge and skill learned from their program coursework. Students will be given many opportunities to observe, participate, and lead Arts in Health practices on site at an approved Arts in Health facility or program. Students will gain depth of experience as they plan, facilitate, and document health and wellness outcomes during art experiences. Students will also learn ethical considerations related to Arts in Health practices. Provided with Arts in Health professional on-site supervision, students will also be required to complete a culminating final project approved by the site supervisor and class professor related to Arts in Health practices at the internship.								
FAR	FAR	FAR	5930	Independent Study	Ind Study	1 to 4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The content for this Independent Study will vary but remain focused on topics of Arts Administration. Topics covered might include fundraising, development, grant writing, organizational structure, operational planning and management, communication, audience building, arts advocacy, and the role of the arts in communities.								
FAR	FAR	T3	4605	Appalachian Culture, Energy and Environment	Seminar	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	1800	Film Experience	Studio	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	FILM	FILM	2010	Introduction to Film: History of World Cinema	Discussion	4	0	2FA; ACSW; BDP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Studies in the history of world cinema from 1895 to the present. Weekly screenings of silent and sound, American and international films.								
FAR	FILM	FILM	2010	Introduction to Film: History of World Cinema	Lecture	4	0	2FA; ACSW; BDP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Studies in the history of world cinema from 1895 to the present. Weekly screenings of silent and sound, American and international films.								
FAR	FILM	FILM	2020	Introduction to Film: Film Analysis	Discussion	3	0	2FA; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to the terminology, methodology, and core critical issues of film analysis. Emphasizes formal aspects of film such as sound, lighting, editing, and mise-en-scene as well as an overview of different film types and styles including fiction, documentary, and experimental films.								
FAR	FILM	FILM	2020	Introduction to Film: Film Analysis	Lecture	3	0	2FA; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to the terminology, methodology, and core critical issues of film analysis. Emphasizes formal aspects of film such as sound, lighting, editing, and mise-en-scene as well as an overview of different film types and styles including fiction, documentary, and experimental films.								
FAR	FILM	FILM	2030	Introduction to Film: The Documentary	Discussion	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				A historical survey of the documentary film. Weekly screenings.								
FAR	FILM	FILM	2030	Introduction to Film: The Documentary	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				A historical survey of the documentary film. Weekly screenings.								
FAR	FILM	FILM	2050	Technical Toolbox I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course introduces students to the use of various kinds of camera, lighting, and sound equipment. Students develop the beginning technical skills and best practices needed for narrative and documentary filmmaking.								
FAR	FILM	FILM	2050	Technical Toolbox I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course introduces students to the use of various kinds of camera, lighting, and sound equipment. Students develop the beginning technical skills and best practices needed for narrative and documentary filmmaking.								
FAR	FILM	FILM	2060	Technical Toolbox II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	FILM 2050							
				The course offers continued instruction in the use of various kinds of camera, lighting, and sound equipment. The course seeks to further develop the technical skills and best practices required to perform various crew assignments on narrative and documentary film sets.								
FAR	FILM	FILM	2060	Technical Toolbox II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	FILM 2050							
				The course offers continued instruction in the use of various kinds of camera, lighting, and sound equipment. The course seeks to further develop the technical skills and best practices required to perform various crew assignments on narrative and documentary film sets.								
FAR	FILM	FILM	2440	Narrative Screenwriting I	Discussion	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Two of the following: FILM 2010 2020 or 2030							
				Introduction to the principles and craft of screenwriting with emphasis on the short narrative film. Class format will include lectures, discussions, readings, screenings, critiques, writing exercises and the 'screenwriter's workshop' approach.								
FAR	FILM	FILM	2440	Narrative Screenwriting I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Two of the following: FILM 2010 2020 or 2030							
				Introduction to the principles and craft of screenwriting with emphasis on the short narrative film. Class format will include lectures, discussions, readings, screenings, critiques, writing exercises and the 'screenwriter's workshop' approach.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	2900	Special Topics in Film	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
FAR	FILM	FILM	2970T	Film Tutorial	Tutorial	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	FILM	FILM	2980T	Film Tutorial	Tutorial	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	FILM	FILM	3110	Narrative Filmmaking I	Discussion	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		This is the first course in a two-course production sequence for the BFA in Film student. Through class exercises and the production of individual 16mm and/or video projects, students engage in the practical, technical, and aesthetic aspects of the filmmaking process.								
FAR	FILM	FILM	3110	Narrative Filmmaking I	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		This is the first course in a two-course production sequence for the BFA in Film student. Through class exercises and the production of individual 16mm and/or video projects, students engage in the practical, technical, and aesthetic aspects of the filmmaking process.								
FAR	FILM	FILM	3110	Narrative Filmmaking I	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		This is the first course in a two-course production sequence for the BFA in Film student. Through class exercises and the production of individual 16mm and/or video projects, students engage in the practical, technical, and aesthetic aspects of the filmmaking process.								
FAR	FILM	FILM	3120	Filmmaking II	Discussion	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FILM 3110								
		COURSE DESC:		This is the second course in a two-course production sequence for the BFA in Film student. The course is designed to continue student development in the practical, technical, and aesthetic aspects of the filmmaking process through the production of individual 16mm and/or video projects.								
FAR	FILM	FILM	3120	Filmmaking II	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FILM 3110								
		COURSE DESC:		This is the second course in a two-course production sequence for the BFA in Film student. The course is designed to continue student development in the practical, technical, and aesthetic aspects of the filmmaking process through the production of individual 16mm and/or video projects.								
FAR	FILM	FILM	3120	Filmmaking II	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: FILM 3110								
		COURSE DESC:		This is the second course in a two-course production sequence for the BFA in Film student. The course is designed to continue student development in the practical, technical, and aesthetic aspects of the filmmaking process through the production of individual 16mm and/or video projects.								
FAR	FILM	FILM	3150	Film Studies 1	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		This course offers an introduction to film studies, focusing on the formal and critical dimensions of film. The course introduces selected key events and movements in film history and selected texts in film theory. Weekly screenings are provided.								
FAR	FILM	FILM	3150	Film Studies 1	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		This course offers an introduction to film studies, focusing on the formal and critical dimensions of film. The course introduces selected key events and movements in film history and selected texts in film theory. Weekly screenings are provided.								
FAR	FILM	FILM	3160	Film Aesthetics	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Two of the following: FILM 2010 2020 or 2030								
		COURSE DESC:		An introduction to key methodologies, central issues, and debates within film studies, focused on a select group of film techniques. This course offers further work in film studies, focusing on the formal and critical dimensions of film. Introduces selected key events and movements in film history and selected texts in film theory.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	3160	Film Aesthetics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two of the following: FILM 2010 2020 or 2030						
		COURSE DESC:		An introduction to key methodologies, central issues, and debates within film studies, focused on a select group of film techniques. This course offers further work in film studies, focusing on the formal and critical dimensions of film. Introduces selected key events and movements in film history and selected texts in film theory.								
FAR	FILM	FILM	3333	Dramatic Writing Forms and Genres	Lecture	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	FILM	FILM	3380	Studies in the Documentary Film	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.								
FAR	FILM	FILM	3380	Studies in the Documentary Film	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.								
FAR	FILM	FILM	3400	Film Techniques	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.								
FAR	FILM	FILM	3400	Film Techniques	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.								
FAR	FILM	FILM	3430	Screenwriting	Laboratory	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						
		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	FILM	FILM	3430	Screenwriting	Lecture	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						
		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	FILM	FILM	3440J	The Practice of Film Criticism	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.								
FAR	FILM	FILM	3440J	The Practice of Film Criticism	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.								
FAR	FILM	FILM	3450	Film Analysis	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440						
		COURSE DESC:		The course offers a study of the dramatic structure in the classical and neo-realist narrative film. Through lectures and screenings, the class introduces concepts of theme, plot, dramatic action, characterization, scene structure, and dialogue.								
FAR	FILM	FILM	3450	Film Analysis	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440						
		COURSE DESC:		The course offers a study of the dramatic structure in the classical and neo-realist narrative film. Through lectures and screenings, the class introduces concepts of theme, plot, dramatic action, characterization, scene structure, and dialogue.								
FAR	FILM	FILM	3460	Narrative Screenwriting II	Discussion	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440						
		COURSE DESC:		Intermediate study of the principles and craft of writing the short narrative screenplay with emphasis on ideation, concept, genres and audience. Class format will include lectures, discussions, screenings, readings, critiques, writing exercises and a screenwriters workshop.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	3460	Narrative Screenwriting II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440						
		COURSE DESC:		Intermediate study of the principles and craft of writing the short narrative screenplay with emphasis on ideation, concept, genres and audience. Class format will include lectures, discussions, screenings, readings, critiques, writing exercises and a screenwriters workshop.								
FAR	FILM	FILM	3500	Cinematography	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		A class that investigates cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.								
FAR	FILM	FILM	3500	Cinematography	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		A class that investigates cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.								
FAR	FILM	FILM	3750	Directing	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		The course provides fundamentals in single-camera motion picture directing. Using directing exercises, lectures, and seminars, it focuses on directing methods including script analysis, acting/directing theory, rehearsal techniques, and the process of shaping the performance through mise-en-scene, camera placement, and movement.								
FAR	FILM	FILM	3750	Directing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		The course provides fundamentals in single-camera motion picture directing. Using directing exercises, lectures, and seminars, it focuses on directing methods including script analysis, acting/directing theory, rehearsal techniques, and the process of shaping the performance through mise-en-scene, camera placement, and movement.								
FAR	FILM	FILM	3830	Avid Editing I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		An introduction to digital nonlinear editing techniques in Avid Media Composer covering the post-production workflow from logging of footage through capture, editing, and output.								
FAR	FILM	FILM	3830	Avid Editing I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 2440 or 3110 or 3400						
		COURSE DESC:		An introduction to digital nonlinear editing techniques in Avid Media Composer covering the post-production workflow from logging of footage through capture, editing, and output.								
FAR	FILM	FILM	3840	Avid Editing II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 3830						
		COURSE DESC:		Students extend their knowledge of the Avid editorial tool set, professional video standards, terminology, and aesthetics of editing.								
FAR	FILM	FILM	3840	Avid Editing II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 3830						
		COURSE DESC:		Students extend their knowledge of the Avid editorial tool set, professional video standards, terminology, and aesthetics of editing.								
FAR	FILM	FILM	3910	Film Internship	Internship	1 to 15	60	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F Participation by sophomores or juniors in an official or formal program to provide practical experience in different aspects of the film profession.								
FAR	FILM	FILM	3970T	Film Tutorial	Tutorial	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR 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	FILM	FILM	3980T	Film Tutorial	Tutorial	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR 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	FILM	FILM	4110	Master Class I	Discussion	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 3110 and 3120						
		COURSE DESC:		This is the first course in a two-course sequence for the BFA student making a senior film. Students will be asked to write and workshop a script for a narrative, documentary, or experimental film. The class also focuses on the director's craft as the student prepares a project for production.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	4110	Master Class I	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 3110 and 3120						
		COURSE DESC:		This is the first course in a two-course sequence for the BFA student making a senior film. Students will be asked to write and workshop a script for a narrative, documentary, or experimental film. The class also focuses on the director's craft as the student prepares a project for production.								
FAR	FILM	FILM	4120	Master Class II	Discussion	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 4110						
		COURSE DESC:		This is the second course in the two-course sequence for the BFA student making a senior film. It focuses on the production and post-production of the narrative, documentary, or experimental film.								
FAR	FILM	FILM	4120	Master Class II	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 4110						
		COURSE DESC:		This is the second course in the two-course sequence for the BFA student making a senior film. It focuses on the production and post-production of the narrative, documentary, or experimental film.								
FAR	FILM	FILM	4140	Documentary Production Techniques	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Two of the following: FILM 2010 2020 or 2030						
		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	FILM	FILM	4150	Advanced Digital Editing	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	FILM 3830 and 3840						
		COURSE DESC:		Further studies in nonlinear post-production picture editing, color correction, and sound mixing.								
FAR	FILM	FILM	4210	International Film I	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR 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	FILM	FILM	4210	International Film I	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR 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	FILM	FILM	4220	International Film II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR 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	FILM	FILM	4220	International Film II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR 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	FILM	FILM	4310	Film History I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR History of international cinema from the origins through 1940. Weekly screenings.								
FAR	FILM	FILM	4310	Film History I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR History of international cinema from the origins through 1940. Weekly screenings.								
FAR	FILM	FILM	4320	Film History II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR History of international cinema from 1940 to the present. Weekly screenings.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	4320	Film History II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 CR, PR								
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.								
FAR	FILM	FILM	4330	Film History III	Laboratory	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	FILM	FILM	4330	Film History III	Lecture	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	FILM	FILM	4440	Media Arts Management	Laboratory	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	FILM	FILM	4510	Film Theory I	Laboratory	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	FILM	FILM	4510	Film Theory I	Lecture	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	FILM	FILM	4520	Film Theory II	Laboratory	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	FILM	FILM	4520	Film Theory II	Lecture	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	FILM	FILM	4530	Film Theory III	Laboratory	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	FILM	FILM	4530	Film Theory III	Lecture	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	FILM	FILM	4610	BFA Film Capstone	Laboratory	3 to 8	16	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR								
		COURSE DESC:		FILM 4610 is a capstone course leading to a production of an original short film. It offers instruction in production, directing, cinematography, sound, and postproduction, as well as methods of distribution.								
FAR	FILM	FILM	4610	BFA Film Capstone	Lecture	3 to 8	16	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR								
		COURSE DESC:		FILM 4610 is a capstone course leading to a production of an original short film. It offers instruction in production, directing, cinematography, sound, and postproduction, as well as methods of distribution.								

**MASTER CURRICULUM FILE
COURSE LISTING
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FAR	FILM	FILM	4620	Motion Picture Production II	Laboratory	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.								
FAR	FILM	FILM	4620	Motion Picture Production II	Lecture	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.								
FAR	FILM	FILM	4710	Film Topics Seminar I	Laboratory	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 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	FILM	FILM	4710	Film Topics Seminar I	Lecture	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 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	FILM	FILM	4720	Film Topics Seminar II	Laboratory	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 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	FILM	FILM	4720	Film Topics Seminar II	Lecture	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 2010 or 2020 or 2030 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	FILM	FILM	4900	Special Topics in Film	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
FAR	FILM	FILM	4910	Internship	Internship	1 to 15	60	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Participation by seniors in an official or formal program to provide practical experience in different aspects of the film profession.								
FAR	FILM	FILM	4930	Independent Study	Discussion	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.								
FAR	FILM	FILM	4930	Independent Study	Ind Study	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.								
FAR	FILM	FILM	4940	Individual Production Problems	Discussion	1 to 4	40	BLD	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	FILM	FILM	4940	Individual Production Problems	Research	1 to 4	40	BLD	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	4941	Individual Readings	Discussion	1 to 4	20	BLD	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	FILM	FILM	4941	Individual Readings	Research	1 to 4	20	BLD	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	FILM	FILM	4970T	Film Tutorial	Tutorial	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	FILM	FILM	4980T	Film Tutorial	Tutorial	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	FILM	FILM	5010	Film Symposium	Seminar	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	FILM	FILM	5050	Technical Toolbox I	Laboratory	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	FILM	FILM	5050	Technical Toolbox I	Lecture	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	FILM	FILM	5060	Technical Toolbox II	Laboratory	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	FILM	FILM	5060	Technical Toolbox II	Lecture	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	FILM	FILM	5110	Filmmaking I	Discussion	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	FILM	FILM	5110	Filmmaking I	Lecture	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	FILM	FILM	5120	Filmmaking II	Discussion	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	5120	Filmmaking II	Lecture	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	FILM	FILM	5150	Film Studies I	Laboratory	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	FILM	FILM	5150	Film Studies I	Lecture	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	FILM	FILM	5160	Film Aesthetics	Laboratory	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	FILM	FILM	5160	Film Aesthetics	Lecture	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	FILM	FILM	5210	International Film I	Laboratory	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	FILM	FILM	5210	International Film I	Lecture	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	FILM	FILM	5220	International Film II	Laboratory	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	FILM	FILM	5220	International Film II	Lecture	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	FILM	FILM	5250	Sound Techniques	Laboratory	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	FILM	FILM	5250	Sound Techniques	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	5260	Advanced Sound Techniques	Laboratory	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	FILM	FILM	5260	Advanced Sound Techniques	Lecture	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	FILM	FILM	5310	Film History I	Laboratory	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.								
FAR	FILM	FILM	5310	Film History I	Lecture	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.								
FAR	FILM	FILM	5320	Film History II	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.								
FAR	FILM	FILM	5320	Film History II	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.								
FAR	FILM	FILM	5330	Film History III	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.								
FAR	FILM	FILM	5330	Film History III	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.								
FAR	FILM	FILM	5380	Studies in Documentary Film	Laboratory	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	FILM	FILM	5380	Studies in Documentary Film	Lecture	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	FILM	FILM	5420	Screenwriting I	Discussion	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	FILM	FILM	5420	Screenwriting I	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	5440	Media Arts Management	Laboratory	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	FILM	FILM	5450	Screenwriting II	Discussion	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	FILM	FILM	5450	Screenwriting II	Lecture	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	FILM	FILM	5510	Film Theory I	Laboratory	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	FILM	FILM	5510	Film Theory I	Lecture	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	FILM	FILM	5520	Film Theory II	Laboratory	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	FILM	FILM	5520	Film Theory II	Lecture	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	FILM	FILM	5530	Film Theory III	Laboratory	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	FILM	FILM	5530	Film Theory III	Lecture	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	FILM	FILM	5640	Video Art	Laboratory	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	FILM	FILM	5640	Video Art	Lecture	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	FILM	FILM	5710	Film Topics Seminar I	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	5710	Film Topics Seminar I	Lecture	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	FILM	FILM	5720	Film Topics Seminar II	Laboratory	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	FILM	FILM	5720	Film Topics Seminar II	Lecture	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	FILM	FILM	5750	Directing	Laboratory	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	FILM	FILM	5750	Directing	Lecture	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	FILM	FILM	5810	Digital Editing I	Laboratory	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	FILM	FILM	5810	Digital Editing I	Lecture	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	FILM	FILM	5820	Digital Editing II	Laboratory	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	FILM	FILM	5820	Digital Editing II	Lecture	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	FILM	FILM	5900	Special Topics in Film	Lecture	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	FILM	FILM	5910	Internship	Internship	1 to 15	45		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Participation in an official or formal program to provide practical experience in different aspects of the film profession.								
FAR	FILM	FILM	6110	2nd Year Productions I	Seminar	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5120 CR, PR								
		COURSE DESC:		The first course in a two-semester sequence where the second-year MFA student develops and completes the creative 2nd Year Portfolio.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	6120	2nd Year Productions II	Seminar	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 6110 CR, PR								
		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	FILM	FILM	6140	Documentary Production Techniques	Laboratory	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	FILM	FILM	6140	Documentary Production Techniques	Lecture	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	FILM	FILM	6330	International Film Seminar I	Seminar	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.								
FAR	FILM	FILM	6340	International Film Seminar II	Seminar	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.								
FAR	FILM	FILM	6430	Advanced Screenwriting	Seminar	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420 CR, PR								
		COURSE DESC:		Seminar/tutorial approach to the study of advanced problems in writing the feature length narrative screenplay.								
FAR	FILM	FILM	6440	Film Analysis	Laboratory	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	FILM	FILM	6440	Film Analysis	Lecture	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	FILM	FILM	6450	Adaptation for the Screen	Seminar	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	FILM	FILM	6500	Cinematography	Laboratory	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	FILM	FILM	6500	Cinematography	Lecture	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	FILM	FILM	6510	Advanced Cinematography	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	6510	Advanced Cinematography	Lecture	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	FILM	FILM	6650	Producing	Lecture	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	FILM	FILM	6650	Producing	Seminar	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	FILM	FILM	6800	Motion Picture Compositing	Laboratory	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	FILM	FILM	6800	Motion Picture Compositing	Lecture	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	FILM	FILM	6810	Graphics Integration and Advanced Compositing	Laboratory	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	FILM	FILM	6810	Graphics Integration and Advanced Compositing	Lecture	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	FILM	FILM	6820	The Art of Editing	Discussion	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	FILM	FILM	6820	The Art of Editing	Lecture	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	FILM	FILM	6830	Advanced Digital Editing	Laboratory	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	FILM	FILM	6830	Advanced Digital Editing	Lecture	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	FILM	FILM	6900	Special Topics in Film	Lecture	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	FILM	FILM	6930	Independent Study	Discussion	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	FILM	6930	Independent Study	Ind Study	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	FILM	FILM	6950	Film Written Thesis	Thesis	.5 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Written thesis.								
FAR	FILM	FILM	6960	Film Studio Thesis	Tutorial	.5 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Studio thesis.								
FAR	FILM	FILM	6970	Thesis Seminar	Seminar	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.								
FAR	FILM	FILM	7700	Master Class I	Seminar	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	FILM	FILM	7710	Master Class II	Seminar	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	FILM	FILM	7940	Individual Production Problems	Discussion	1 to 8	40		I	G40		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	FILM	FILM	7940	Individual Production Problems	Research	1 to 8	40		I	G40		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	FILM	FILM	7941	Individual Readings	Discussion	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.								
FAR	FILM	FILM	7941	Individual Readings	Research	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Lecture	3	0	2FA; PHA	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	Lecture	3	0	2FA; PHA	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	Lecture	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	Lecture	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Students in this course will be able to conduct research and write with coherence and cohesion about music, theater, film, dance, and visual art.								
FAR	IART	IART	4001	Senior Seminar: Interdisciplinary Arts	Seminar	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	4710	Interdisciplinary Arts BFA Capstone	Studio	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:	Senior and Interdisciplinary Arts BFA major			
		COURSE DESC:		Students in this course complete their culminating project for the Interdisciplinary Arts BFA program. Performances and/or showings are open to the public.								
FAR	IART	IART	4900	Special Topics in Interdisciplinary Arts	Lecture	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 Study	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	Seminar	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	Seminar	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	5801	Introduction to Arts in Health	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		This course explores a breadth of foundational concepts related to the Arts in Health theory, practice, and research and their impact on health and well-being across medical and public health communities in the United States and world. Students learn about and experience how creativity through Fine Arts can promote community health and well-being while exploring dance, music, film, theater, and visual art mediums.								
FAR	IART	IART	5802	Arts in Health Community Project	Field	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE:				
		COURSE DESC:		PR	In this course students have opportunities to gain site-specific knowledge and practical experiences at an Arts in Health community facility. With on-site and weekly class support and supervision, each student gains in-depth knowledge on the impact community Arts in Health practices impact health outcomes of those served. Students then apply this knowledge when they develop their own arts-based experience at the site and critically analyze how the Fine Arts experience supported health outcomes.							

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	IART	IART	5802	Arts in Health Community Project	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		In this course students have opportunities to gain site-specific knowledge and practical experiences at an Arts in Health community facility. With on-site and weekly class support and supervision, each student gains in-depth knowledge on the impact community Arts in Health practices impact health outcomes of those served. Students then apply this knowledge when they develop their own arts-based experience at the site and critically analyze how the Fine Arts experience supported health outcomes.								
FAR	IART	IART	5900	Special Topics in Interdisciplinary Arts	Lecture	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	5930	Independent Study	Ind Study	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent exploration of a selected topic.								
FAR	IART	IART	6900	Special Topics in Interdisciplinary Arts	Lecture	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	6950	IART written thesis, studio thesis, or culminating experience	Thesis	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Completion of 27 hours of coursework at the advanced level in three different areas of emphasis within the College of Fine Arts. An IART written thesis, studio thesis, or culminating experience encourages individual growth and promotes analytical rigor in studio and scholarly creativity.								
FAR	IART	IART	7001	Research Skills	Seminar	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Focuses on the skills and techniques essential to scholarship.								
FAR	IART	IART	7002	Pedagogy in the Arts	Laboratory	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		GTA in Interdisciplinary Arts. Focuses on pedagogy in the arts, specifically preparation for teaching courses in InterArts.								
FAR	IART	IART	7003	Dissertation Proposal Seminar	Seminar	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	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Cultural history of music to ca 1600								
FAR	IART	IART	7102	Studies in Baroque and Classical Music	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Cultural history of music, 1600-1900								
FAR	IART	IART	7103	Studies in 19th- Century Music	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Cultural history of music ca 1900 until the 20th- century								
FAR	IART	IART	7104	Studies in 20th- Century Music	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Cultural history of music in the 20th- century and beyond.								
FAR	IART	IART	7201	Special Topics in Classical Visual Culture	Seminar	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This seminar examines special topics in ancient Greco-Roman visual culture, with a focus on painting, sculpture, and architecture.								

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COURSE LISTING
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FAR	IART	IART	7202	Special Topics in Medieval Visual Culture	Seminar	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	Seminar	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This seminar examines special topics in western Renaissance and Baroque visual culture, with a focus on painting, sculpture, and architecture.								
FAR	IART	IART	7204	Special Topics in Modernist-Contemporary Visual Culture	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	IART	IART	7503	Performance Studies	Seminar	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.								
FAR	IART	IART	7601	Contemporary African Art	Seminar	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	7602	Art of African Cinema	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course considers art of African cinema through a screening of selected African films. They are divided into 3 thematic modules: Colonial Consequences, Leaving & Returning, and Cities & Domesticities. Style, technique, aesthetics, and socio-political contexts are explored. Different trends of African cinema are addressed, including return to the source, social realist narrative, the documentary, postcolonial issues, and the contemporary sci-fi moment. This course offers an opportunity for looking at African arts and cultures, as well as issues of social change, gender, class, traditions, national politics, neo-colonialism, and modernity through African eyes. The purpose is to develop critical as well as analytical abilities of participants in the area of African cinema and film aesthetics.								
FAR	IART	IART	7701	Greek-Medieval Theater and Drama	Seminar	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	Seminar	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	Seminar	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	Lecture	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	Seminar	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	Lecture	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	Seminar	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 Study	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	Thesis	.5 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Dissertation as recommended by department.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	IART	T3	4601	Cultural Tradition and the Arts: Greek to Medieval	Seminar	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).								
FAR	IART	T3	4602	Cultural Tradition and the Arts: Renaissance to Baroque	Seminar	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 (Renaissance, Baroque).								
FAR	IART	T3	4603	Cultural Tradition and the Arts: 19th and 20th Centuries	Seminar	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 (19th and 20th centuries).								
FAR	IART	T3	4604	Art and Morality	Seminar	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr only						
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	D099	Theory Preparation for Music Majors	Tutorial	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	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major and appropriate score on the theory placement exam.						
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major or C or better in MUS 1009						
		COURSE DESC:		The course examines the formal, melodic, harmonic, and rhythmic structure of tonal music through analysis and composition.								
FAR	MUS	MUS	1011	Music Theory Non-Majors I	Lecture	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	Lecture	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	Lecture	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major and appropriate score on the theory placement exam.						
		COURSE DESC:		This course covers 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 also introduces basic keyboard skills.								
FAR	MUS	MUS	1030	Dictation and Sight Singing I	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music Major or C or better in MUS 1029						
		COURSE DESC:		The course develops the aural perception and reading of melodic, harmonic, and rhythmic musical structure by developing aural skills through performance and transcription. MUS 1030 should be taken concurrently with MUS 1010.								
FAR	MUS	MUS	1040	Dictation and Sight Singing II	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (MUS 1010 and 1030)						
		COURSE DESC:		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	Studio	0	999		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Music major						
		COURSE DESC:		PR, F	Recital and concert attendance. Required of all undergraduate music majors.							
FAR	MUS	MUS	1210	Introduction to World Music	Lecture	3	0	2CP; ACSW; FIE	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Provides 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	1220	Exploring Musical Styles	Lecture	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non music major and	WARNING:	no credit for this and MUS 1200 or 1250				
		COURSE DESC:		This course focuses on the development of listening skills for understanding the elements of musical style in historical perspective, and define the significance of music as fine art.								
FAR	MUS	MUS	1240	History of Rock Music I	Lecture	3	0	2FA; PHA	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Examines the 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	Lecture	3	0	2FA; PHA	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	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Group instruction in piano for music majors.								
FAR	MUS	MUS	1411	Class Piano I Non-Majors	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-Music major						
		COURSE DESC:		Beginning group instruction in piano for non-music majors.								
FAR	MUS	MUS	1420	Class Piano II	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 1410 and music major						
		COURSE DESC:		This course is a continuation of MUS 1410, and includes group instruction in piano for music majors.								
FAR	MUS	MUS	1421	Class Piano II Non-Majors	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1411 and non-music major						
		COURSE DESC:		Group instruction in piano for non-music majors; continuation of MUS 1411.								
FAR	MUS	MUS	1470	Class Voice I	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		For instrumental music teachers and music therapists who require beginning voice training.								
FAR	MUS	MUS	1471	Class Voice Non-Majors	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Non-Music major						
		COURSE DESC:		Beginning instruction in voice for non-music majors.								
FAR	MUS	MUS	1480	Class Voice II	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 1470						
		COURSE DESC:		For music therapy students continuing vocal skills development; continuation of MUS 1470.								
FAR	MUS	MUS	1600	Music Fundamentals	Lecture	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.								
FAR	MUS	MUS	1610	Music for the Classroom Teacher	Lecture	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	1625	The History of Jazz	Lecture	3	0	2FA; ACSW	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:		This course studies jazz styles from the inception of jazz to the current era. Students will develop an understanding and appreciation for jazz music by exploring the social and musical implications of jazz in American culture through topical readings and critical listening.								
FAR	MUS	MUS	1630	Introduction to Music Education	Lecture	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	Studio	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	1651	Class Folk Guitar for Non-Music Majors I	Studio	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	Studio	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	Studio	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	Laboratory	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 Musicians	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Provides the prospective musician with technology skills, knowledge of software, and methods for using technology for creation, performance, and education.								
FAR	MUS	MUS	1800	Music Experience	Lecture	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	Tutorial	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	Lecture	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	Lecture	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	2010	Music Theory III	Lecture	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	2010A	Honors Experience: Music Theory III	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:										
FAR	MUS	MUS	2020	Music Theory IV	Lecture	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	Laboratory	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	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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FAR	MUS	MUS	2240	History of Rock Music II	Lecture	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	Studio	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	Studio	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	Communi-versity Band	Studio	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	Studio	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	Studio	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	Studio	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	Studio	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	Studio	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	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Audition								
		COURSE DESC:		Performance of literature for concert band.								
FAR	MUS	MUS	2513	Varsity Band	Studio	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	Studio	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	Studio	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	Studio	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	Studio	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	Studio	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2532	Opera Theater	Studio	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	Studio	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	Bella Voce (SSAA Chorus)	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition						
		COURSE DESC:		Performance and preparation of music for treble chorus.								
FAR	MUS	MUS	2540	Chamber Music, Strings	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	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	Studio	1	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Percussion ensemble rehearsal and performance.								
FAR	MUS	MUS	2552	Trombone Choir	Studio	.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	2555	Contemporary Music and Digital Instruments Ensemble	Studio	1 to 2	16		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Audition						
		COURSE DESC:		Performance of music for Contemporary Music and Digital Instruments								
FAR	MUS	MUS	2610	Upper Strings Methods and Materials	Studio	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	Studio	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	Studio	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	Laboratory	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2632	Trombone/Euphonium/Tuba Methods and Materials	Laboratory	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	Studio	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	2634	Choral Methods Lab Choir	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music Education Major						
		COURSE DESC:		Prepares prospective choral music educators for planning and implementing beginning choral rehearsals.								
FAR	MUS	MUS	2635	Flute, Saxophone & Clarinet Methods and Materials	Studio	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	Studio	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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Soph, 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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Soph, 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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Music Education and Music Therapy students) and (Soph, 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	Lecture	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	Studio	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	Lecture	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	Practicum	1	2	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Music Therapy major and (Soph or Jr or Sr)						
		COURSE DESC:		Selected field experiences in approved clinical facilities; field evaluation of student.								
FAR	MUS	MUS	2970T	Theory and Musicianship I	Tutorial	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	Tutorial	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	Tutorial	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	2981T	Studies in Music History II	Tutorial	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	Lecture	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	Lecture	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	Lecture	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	Tutorial	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	Studio	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	Lecture	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	Lecture	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.								
FAR	MUS	MUS	3400	Voice	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in voice.								
FAR	MUS	MUS	3410	Piano	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in piano.								
FAR	MUS	MUS	3420	Harp	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in harp.								
FAR	MUS	MUS	3430	Organ	Studio	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in organ.								
FAR	MUS	MUS	3431	Harpsichord	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in harpsichord.								
FAR	MUS	MUS	3440	Violin	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in violin.								
FAR	MUS	MUS	3450	Viola	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in viola.								
FAR	MUS	MUS	3460	Violoncello	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in violoncello.								
FAR	MUS	MUS	3470	Double Bass	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music major								
		COURSE DESC:		Studio instruction in double bass.								

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COURSE LISTING
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FAR	MUS	MUS	3471	Applied Guitar	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in guitar.								
FAR	MUS	MUS	3480	Flute	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in flute.								
FAR	MUS	MUS	3490	Oboe	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in oboe.								
FAR	MUS	MUS	3500	Bassoon	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in bassoon.								
FAR	MUS	MUS	3510	Clarinet	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in clarinet.								
FAR	MUS	MUS	3520	Saxophone	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in saxophone.								
FAR	MUS	MUS	3530	Trumpet	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in trumpet.								
FAR	MUS	MUS	3540	Horn	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in horn.								
FAR	MUS	MUS	3550	Euphonium	Studio	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	Studio	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	Studio	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	Studio	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	Studio	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	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MUS 3590 and music major						
		COURSE DESC:		Group piano instruction in advanced functional keyboard skills.								
FAR	MUS	MUS	3630	Instrumental Methods and Materials	Lecture	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	Lecture	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.								

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COURSE LISTING
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FAR	MUS	MUS	3640	Secondary School Choral Techniques and Materials	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr standing in Music Education								
		COURSE DESC:		Literature and rehearsal techniques for secondary school choirs, including administration of the high school choral music program. Application of principles of typical child development through field experiences in the secondary music classroom.								
FAR	MUS	MUS	3660	General Music Methods	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Studio	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	Studio	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	3749	English and International Phonetic Alphabet for Singers	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on the fundamentals of IPA for singers, English diction, phonology and grammar for singing.								
FAR	MUS	MUS	3750	English and Italian Diction for Singers	Studio	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	3751	Italian for Singers	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on Italian diction, phonology and grammar for singing.								
FAR	MUS	MUS	3752	German for Singers	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on German diction, phonology and grammar for singing.								
FAR	MUS	MUS	3753	French for Singers	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on French diction, phonology and grammar for singing.								
FAR	MUS	MUS	3754	Vocal Coaching	Tutorial	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Vocal coaching prepares the singer for performance in concert, recital and opera. Aspects covered include (but are not limited to) style, performance practice, lyric diction, interpretation, and audition preparation. Vocal coaching can include preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.								
FAR	MUS	MUS	3770	Jazz Improvisation I	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	3771	Jazz Improvisation II	Lecture	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 Locrian modes, the ii-V7-I progression, and culminating with final project utilizing blues form.								
FAR	MUS	MUS	3790	Performance Preparation	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Assistance in developing strategies for preparing physically and psychologically to achieve maximum potential in musical performance.								
FAR	MUS	MUS	3800	Wagner and The Ring of the Nibelungen	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: B or better in (MUS 1250 or 3210 or 3220)								
		COURSE DESC:		This course focuses on the life and work of German Romantic opera composer Richard Wagner with special focus on his magnum opus: Der Ring der Nibelungen. The course includes class discussion, student presentations, lectures, and audio/visual presentations. The course includes a week-long trip to see a production of The Ring and attendance at a variety of lectures given in conjunction with the production. The trip for the performances is a required component of the class.								
FAR	MUS	MUS	3820	Psychological Foundations of Music Therapy	Lecture	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	Practicum	1	4	BLD	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	Practicum	1 to 2	2	BLD	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	Tutorial	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	Tutorial	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	4000	Classroom Assessment and Management for Music Educators	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr standing in Music Education								
		COURSE DESC:		This course examines the role assessment plays into the development of the music curriculum, as well as explores effective management strategies for behavior in the music classroom. This class fosters knowledge, dispositions and skills required by Praxis II and Ohio Standards for the Teaching Profession. Teacher candidates are given opportunities to develop various assessment tools, analyze current models, and read and discuss current research literature to make informed decisions about assessment and classroom management. Additionally, students examine legal issues and rights for teachers and students and work to create a positive, nurturing classroom environment.								
FAR	MUS	MUS	4050	Jazz Theory I	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	2	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4150	Computers and Music Production	Lecture	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	Lecture	2	4		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
				PR, F								
		COURSE DESC:		Creating a major project using MIDI synthesizers and software and/or digital audio.								
FAR	MUS	MUS	4170	Computer Music Programming	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	4250	Music of Africa	Lecture	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	Lecture	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	Lecture	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	Tutorial	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	Tutorial	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	Lecture	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 non-dominant hand. Experience in conducting choral and small instrumental ensembles in works suitable for school groups.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4560	Instrumental Conducting	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4550								
				Experience in conducting from full score; includes band and orchestral works suitable for high school groups.								
FAR	MUS	MUS	4561	Choral Conducting	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4550								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
				Pedagogy practices and literature of woodwind instruments. Solo performance repertoire.								
FAR	MUS	MUS	4572	Brass Instrument Pedagogy and Repertoire	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
				Current pedagogy and teaching materials for brass instruments. Solo performance repertoire for brass.								
FAR	MUS	MUS	4573	Solo Vocal Repertoire I: French and British	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 3220 or 323								
				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	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 3220 or 323								
				Intensive survey of the solo vocal literature of Germany and the United States.								
FAR	MUS	MUS	4575	Percussion Instruments Pedagogy and Repertoire	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
				Pedagogy and solo repertoire of percussion instruments.								
FAR	MUS	MUS	4576	Keyboard Repertoire I	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: MUS 1250								
				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	4577	Keyboard Repertoire II	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: MUS 1250								
				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	4580	Piano Pedagogy I	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4580								
				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	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 1250								
				Teaching techniques and use of methods and repertoire for various levels of ability at the organ.								
FAR	MUS	MUS	4585	Vocal Pedagogy	Seminar	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.								

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COURSE LISTING
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FAR	MUS	MUS	4590	Advanced Instrumental Conducting	Lecture	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 4560 and permission						
		COURSE DESC:		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	Lecture	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 4561 and permission required						
		COURSE DESC:		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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ANTH 1010 and Sr						
		COURSE DESC:		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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 3040 and (music education or therapy major) and (Jr or Sr)						
		COURSE DESC:		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	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education						
		COURSE DESC:		Techniques for preparation of high school and college marching band performance.								
FAR	MUS	MUS	4650	Jazz Ensemble Methods	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Education						
		COURSE DESC:		Methods of organizing and implementing jazz ensemble programs in secondary schools. Includes survey of appropriate materials.								
FAR	MUS	MUS	4700	History of Film Music	Lecture	3	0		N	U30		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	4810	Music Therapy Principles and Techniques I	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr standing in Music Therapy						
		COURSE DESC:		Problems of exceptional children and therapist strategies and techniques for remediation; terminology; treatment settings.								
FAR	MUS	MUS	4820	Music Therapy Principles and Techniques II	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 4810						
		COURSE DESC:		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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 4810, 4820, and senior						
		COURSE DESC:		Students explore the professional associations, structure of music therapy in the United States, ethical practices, advocacy, and the program development process for selected clinical populations.								
FAR	MUS	MUS	4830	Music Therapy Principles and Techniques III	Recitation	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MUS 4810, 4820, and senior						
		COURSE DESC:		Students explore the professional associations, structure of music therapy in the United States, ethical practices, advocacy, and the program development process for selected clinical populations.								
FAR	MUS	MUS	4900	Special Topics in Music Therapy	Tutorial	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music Therapy Major						
		COURSE DESC:		Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.								
FAR	MUS	MUS	4901	Special Topics in Tonal Analysis	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (MUS 2020 and 2040)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (MUS 2020 and 2040)						
		COURSE DESC:		Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	4910	Internship in Music Therapy	Internship	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MUS 4820 CR, PR								
		COURSE DESC:		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	Practicum	1	4	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Sr standing in music therapy CR								
		COURSE DESC:		Selected field experience in approved clinical facilities; field evaluation of student.								
FAR	MUS	MUS	4930	Independent Project	Ind Study	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Independent project in music studies or performance.								
FAR	MUS	MUS	4931	Music Clinic Workshop	Ind Study	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Music education or therapy major) and Sr only								
		COURSE DESC:		Music workshop for public school teachers.								
FAR	MUS	MUS	4940	Junior Recital	Research	2	0	3; BLD	I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and music major and Jr in applied music PR								
		COURSE DESC:		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	Research	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4940 and Sr in applied music								
		COURSE DESC:		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	4942H	Honors Recital	Recitation	1 to 2	4	BLD	N	U30		75
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Must be a full time non-Performance music major simultaneously enrolled in applied lessons. Must have completed highest applied level required of PR, F your music major. Must pass honors recital hearing.								
		COURSE DESC:		Presentation of Honors Recital after completing recital hearing requirements and application, described in the School of Music Undergraduate Handbook.								
FAR	MUS	MUS	4943	Recital	Research	1 to 2	999	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Jr or Sr PR, F								
		COURSE DESC:		Junior or senior recital for non-applied majors.								
FAR	MUS	MUS	4950	Senior Thesis I	Tutorial	1	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Music major and Sr only PR								
		COURSE DESC:		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	Tutorial	2	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4950								
		COURSE DESC:		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	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3980T								
		COURSE DESC:		Honors College tutorial for the thesis, first semester of two.								
FAR	MUS	MUS	4980T	Thesis Research and Creative Activity/Writing II	Tutorial	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5001	Post-Tonal Theory Review	Lecture	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	5002	Tonal Theory Review	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		MUS 5002 Review of Tonal Music Theory prepares incoming graduate students for master's level theory courses with a particular focus on preparation for the theory portion of the master's degree oral examination. Student scores on the Graduate Music Theory Placement Examination determine assignment to the course. The School of Music does not grant credit for taking the course towards the graduate music theory requirement in any degree program.								
FAR	MUS	MUS	5020	Introduction to Schenkerian Analysis	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Pass Graduate Music Theory Exam or MUS 5000 PR								
		COURSE DESC:		Introduction to the analytical technique pioneered by the work of Heinrich Schenker.								
FAR	MUS	MUS	5030	Post-Tonal Analysis	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Pass Graduate Music Theory Exam or MUS 5001 PR								
		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MUS 5020 or 5030 or 5070 or 5071 PR								
		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
FAR	MUS	MUS	5080	Composition, Non-Major	Tutorial	2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Non-composition major CR, PR								
		COURSE DESC:		Introduction to contemporary compositional techniques. Writing smaller compositions.								
FAR	MUS	MUS	5090	Composition	Studio	3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Composition major CR, PR								
		COURSE DESC:		Introduction to contemporary compositional techniques. Writing smaller compositions.								
FAR	MUS	MUS	5130	History and Practice of Electronic Music	Lecture	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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5160	Project in Electronic Music	Lecture	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Creating a major project using MIDI synthesizers and software and/or digital audio.								
FAR	MUS	MUS	5170	Computer Music Programming	Lecture	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	Lecture	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	Lecture	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	5212	Literature of Chamber Music	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey of literature for the wind band.								
FAR	MUS	MUS	5217	Literature of Band Music	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is designed to present an overview of the repertoire and history of the wind band through its music. Important to the discussion will be cornerstone repertoire for advanced as well as young ensembles, influential composers and conductors, key historical events, philosophical and political movements, instrumental developments, and expansion of instrumentation.								
FAR	MUS	MUS	5240	History of Musical Styles I	Lecture	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	Lecture	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	5250	Music of Africa	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5260	African Music and Related Arts	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5270	Folk Music in the United States	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Introduction to selected types of folk music in United States.								
FAR	MUS	MUS	5271	Music Administration Principles and Practices	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		This course examines issues associated with the administration of music programs both at the university level and in the private sector. Students will explore how to effectively manage music programs including symphony orchestras, professional and amateur performing ensembles, as well as music schools and departments.								
FAR	MUS	MUS	5280	Jazz History	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Study of jazz styles to 1970.								
FAR	MUS	MUS	5400	Voice	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio lessons in voice.								
FAR	MUS	MUS	5410	Piano	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in piano.								
FAR	MUS	MUS	5420	Harpsichord	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in harpsichord.								
FAR	MUS	MUS	5421	Violin	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in violin.								
FAR	MUS	MUS	5422	Viola	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in viola.								
FAR	MUS	MUS	5423	Violoncello	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in violoncello.								
FAR	MUS	MUS	5424	Double Bass	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in double bass.								
FAR	MUS	MUS	5425	Harp	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in harp.								
FAR	MUS	MUS	5430	Flute	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in flute.								
FAR	MUS	MUS	5431	Oboe	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in oboe.								
FAR	MUS	MUS	5432	Clarinet	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in clarinet.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5433	Bassoon	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in bassoon.								
FAR	MUS	MUS	5434	Saxophone	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in saxophone.								
FAR	MUS	MUS	5440	Trumpet	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in trumpet.								
FAR	MUS	MUS	5441	Horn	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in horn.								
FAR	MUS	MUS	5442	Trombone	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in trombone.								
FAR	MUS	MUS	5443	Euphonium	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in euphonium.								
FAR	MUS	MUS	5444	Tuba	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in tuba.								
FAR	MUS	MUS	5450	Percussion	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in percussion instruments.								
FAR	MUS	MUS	5460	Organ	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Studio instruction in organ.								
FAR	MUS	MUS	5470	Brass Choir	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Performance of literature for large brass ensemble.								
FAR	MUS	MUS	5471	Applied Guitar	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Studio instruction in guitar.								
FAR	MUS	MUS	5480	African Ensemble I	Studio	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	Studio	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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5490	Collaborative Piano	Tutorial	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Applied private instruction dealing with the technical and practical skills involved in collaborative playing with vocalists and instrumentalists.								
FAR	MUS	MUS	5500	Accompanying	Tutorial	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Basic problems in accompanying vocalists and instrumentalists--rehearsal techniques, ensemble, pedaling, balance, etc. May be repeated.								
FAR	MUS	MUS	5510	Marching Band	Studio	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Marching band for football and other university activities.								
FAR	MUS	MUS	5511	Wind Symphony	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of literature for the wind symphony.								
FAR	MUS	MUS	5512	University Concert Band	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of literature for concert band.								
FAR	MUS	MUS	5513	Varsity Band	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Provide music for various university indoor athletic events.								
FAR	MUS	MUS	5514	Symphonic Band	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of literature for large concert band.								
FAR	MUS	MUS	5520	Symphony Orchestra	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of literature for the symphony orchestra.								
FAR	MUS	MUS	5521	Campus Orchestra	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		All-campus orchestra open to all members of the community. Performance of literature for symphony orchestra.								
FAR	MUS	MUS	5530	University Singers	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of music for SATB choir.								
FAR	MUS	MUS	5531	Choral Union	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance of music for large chorus, including literature for chorus and instruments.								
FAR	MUS	MUS	5532	Opera Theater	Studio	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	Studio	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5534	Bella Voce (SSAA Chorus)	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition CR, PR								
		COURSE DESC:		Performance and preparation of music for treble chorus.								
FAR	MUS	MUS	5540	Chamber Music, Strings	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	.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	Studio	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	Studio	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	Studio	.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	5555	Contemporary Music and Digital Instruments Ensemble	Studio	1 to 2	16		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Audition								
		COURSE DESC:		Performance of music for Contemporary Music and Digital Instruments								
FAR	MUS	MUS	5570	String Instrument Pedagogy and Repertoire	Lecture	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.								
FAR	MUS	MUS	5571	Woodwind Instrument Pedagogy and Repertoire	Lecture	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Pedagogy practices and literature of woodwind instruments. Solo performance repertoire.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5572	Brass Instrument Pedagogy and Repertoire	Lecture	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	Seminar	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	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5581	Piano Pedagogy II	Lecture	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	Seminar	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	Lecture	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	Lecture	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	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5592	Applied Conducting	Studio	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	5595	Advanced Instrumental Conducting	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Students develop advanced conducting skills, including basic conducting review, advanced conducting technique, score study and interpretation, advanced rehearsal technique, and repertoire and programming.								
FAR	MUS	MUS	5630	Instrumental Techniques and Materials	Lecture	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	5631	Choral Techniques and Materials	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Advanced techniques, literature, and materials for high school and college choral groups.								
FAR	MUS	MUS	5640	Marching Band Techniques	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5720	Advanced Functional Skills	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5749	English and International Phonetic Alphabet for Singers	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on the fundamentals of IPA for singers, English diction, phonology and grammar for singing.								
FAR	MUS	MUS	5750	English and Italian Diction for Singers	Studio	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.								
FAR	MUS	MUS	5751	Italian for Singers	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on Italian diction, phonology and grammar for singing.								
FAR	MUS	MUS	5752	German for Singers	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on German diction, phonology and grammar for singing.								
FAR	MUS	MUS	5753	French for Singers	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on French diction, phonology and grammar for singing.								
FAR	MUS	MUS	5754	Vocal Coaching	Tutorial	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Vocal coaching prepares the singer for performance in concert, recital and opera. Aspects covered include (but are not limited to) style, performance practice, lyric diction, interpretation, and audition preparation. Vocal coaching can include preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.								
FAR	MUS	MUS	5770	Jazz Improvisation I	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5771	Jazz Improvisation II	Lecture	1	2		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Learning and applying through improvisation the whole tone, diminished and blues scales, the Aeolian and Locrian modes, the ii-V7-I progression, and culminating with final project utilizing blues form.								
FAR	MUS	MUS	5790	Performance Preparation	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		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	5800	Wagner and The Ring of the Nibelungen	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate student in music								
		COURSE DESC:		This course focuses on the life and work of German Romantic opera composer Richard Wagner with special focus on his magnum opus: Der Ring der Nibelungen. The course includes class discussion, student presentations, lectures, and audio/visual presentations. The course includes a week-long trip to see a production of The Ring and attendance at a variety of lectures given in conjunction with the production. The trip for the performances is a required component of the class.								
FAR	MUS	MUS	5820	Psychological Foundations of Music Therapy	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	5830	Research in Music Therapy	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Introduction to graduate research in music therapy.								
FAR	MUS	MUS	5840	Clinical Practice in Music Therapy	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music therapy major								
		COURSE DESC:		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	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Music therapy major								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	5860	Graduate Seminar: Teaching Music in Higher Education	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.								
FAR	MUS	MUS	5901	Special Topics in Tonal Analysis	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		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	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		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	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		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	Practicum	1	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		Field experience with various clinical populations; supervision and leadership in field experience.								
FAR	MUS	MUS	5921	Practicum in Music	Practicum	1 to 2	8		N	G40		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.								
FAR	MUS	MUS	6100	Seminar in Music Theory	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	6101	Theory for Music Education	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Theory for Music Education covers the essentials of tonal harmony and voice leading. The course takes a contrapuntal approach to harmony based on the phrase model. The course will strengthen a student's ability to write and analyze tonal music.								
FAR	MUS	MUS	6200	Seminar in Theory, Music History and Literature	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Individual studies of problems in music history and theory. Methods of music research and use of music bibliography.								
FAR	MUS	MUS	6300	Topics in World Music Performance	Seminar	2 to 3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: MUS 6200							
		COURSE DESC:		This course is about three scholarly approaches to the performance of world music: (1) the musical analysis of world music, (2) the histories of world musical forms, (3) the anthropology (ethnography) of types of world music. Graduate students investigate the performance of contemporary music in particular world regions such as Africa, Asia, the Middle East, Oceania, Europe, and the Americas.								
FAR	MUS	MUS	6310	Music Genres and Styles to 1520	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Music as artistic and theoretical expression of human thought from antiquity into the Renaissance; history of musical styles to 1520.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	6320	Renaissance and Baroque Music	Lecture	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	Lecture	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	Lecture	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	Lecture	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	6400X	Current Issues in Musicology and Ethnomusicology	Seminar	3 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course is about current issues in musicology and ethnomusicology. Students analyze current issues through the lens of recently-published articles in major English peer-reviewed journals that publish scholarship in the fields of musicology and ethnomusicology.								
FAR	MUS	MUS	6410X	Classical Music in Asia	Seminar	3 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Graduate students in this course analyze melodic modes, rhythmic structures, and histories of types of classical music performed in South, West, East, and Southeast Asia. Graduate students also complete a semester-long project that culminates in a final paper and conference-style presentation.								
FAR	MUS	MUS	6700	Contemporary Trends in Music Education	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Seminar	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	6771	Organization and Administration of School Music Programs	Seminar	3	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	MUS	6900	Special Topics in Music	Lecture	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	6930	Independent Study	Ind Study	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 Study	.5 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	Thesis	.5 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	Tutorial	.5 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	T3	4630	Women Speaking: Then and Now	Lecture	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	THAR	T3	4631	Play and Place	Seminar	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	THAR	THAR	1090	Lunchbag Theater Seminar Series	Seminar	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	THAR	THAR	1110	Fundamentals of Performance I	Studio	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.								
FAR	THAR	THAR	1111	Fundamentals of Performance II	Studio	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	THAR	THAR	1130	Acting Fundamentals I	Laboratory	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	THAR	THAR	1130	Acting Fundamentals I	Lecture	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	THAR	THAR	1390	Design Principles for the Stage	Lecture	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	THAR	THAR	1390	Design Principles for the Stage	Studio	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	THAR	THAR	1391	Fundamentals of Scenery, Props, Costumes and Costume Crafts	Laboratory	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	THAR	THAR	1391	Fundamentals of Scenery, Props, Costumes and Costume Crafts	Tutorial	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	THAR	THAR	1392	Fundamentals of Lighting/Sound and Stage Management	Laboratory	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	THAR	THAR	1392	Fundamentals of Lighting/Sound and Stage Management	Tutorial	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	THAR	THAR	1393	Fundamentals of Costume and Scenic Design Principles and Technology Practices	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1391								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and creating theatrical scenery and costumes								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	1393	Fundamentals of Costume and Scenic Design Principles and Technology Practices	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1391								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and creating theatrical scenery and costumes								
FAR	THAR	THAR	1393	Fundamentals of Costume and Scenic Design Principles and Technology Practices	Tutorial	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1391								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and creating theatrical scenery and costumes								
FAR	THAR	THAR	1394	Fundamentals of Lighting and Sound Design Principles and Stage Management	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1392								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and implementing theatrical lighting, sound, and stage management.								
FAR	THAR	THAR	1394	Fundamentals of Lighting and Sound Design Principles and Stage Management	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1392								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and implementing theatrical lighting, sound, and stage management.								
FAR	THAR	THAR	1394	Fundamentals of Lighting and Sound Design Principles and Stage Management	Tutorial	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after THAR 1390 or 1392								
		COURSE DESC:		This course is an introduction to the skills, techniques, terminology, rationale, and safety practices of designing and implementing theatrical lighting, sound, and stage management.								
FAR	THAR	THAR	1710	The Theatrical Experience	Lecture	3	0	2FA; ACSW	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This class examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art from Greek to contemporary times. It gives an overview of different styles of theater and aligns them with historical events and cultural climate. Students deepen their understanding of theatrical dialogue and character portrayal/representation by viewing and analyzing performances.								
FAR	THAR	THAR	1720	Elements of Performance	Lecture	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	THAR	THAR	1730	Fundamentals of Play Analysis and Playwriting	Discussion	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	THAR	THAR	1730	Fundamentals of Play Analysis and Playwriting	Lecture	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	THAR	THAR	1800	Theater Experience	Studio	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	THAR	THAR	1810	Music Skills for Musical Theater I	Lecture	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No credit if taken after MUS 1010								
		COURSE DESC:		This class introduces the basics of rhythm, melody, sight-singing, and music notation reading skills. Emphasis is on practical skills for the singing actor, and focus is on skill acquisition through sight-singing of musical theater repertoire and ear training. This is the first of a two course sequence.								
FAR	THAR	THAR	1820	Music Skills for Musical Theater II	Lecture	2	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1810								
		COURSE DESC:		This is the second of a two course sequence and continues the study of rhythm, melody, sight-singing, and music notation reading skills, applied to advanced-level musical theater repertoire. Emphasis is on practical skills for the singing actor, and the focus is on skill acquisition through sight-singing of musical theater repertoire and ear training.								
FAR	THAR	THAR	2100	Practicum in Acting	Laboratory	1 to 4	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Audition and (Soph or Jr or Sr)								
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.								
FAR	THAR	THAR	2110	Acting I	Studio	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BFA Acting major								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	2111	Acting II ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2110 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 of an acting technique.	Studio	3 to 4	0		N	U30		0
FAR	THAR	THAR	2120	Mindfulness and Creativity ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Mindfulness refines the quality of our attention to the present moment. In this course, students cultivate presence and explore the creative process through meditation, collaborative practice and research. They develop a daily mindful practice through experiential learning and doing. Practices include Yoga, Mindfulness Based Stress Reduction exercises, and various forms of meditation. Students apply mindfulness to their own creative process and work on a creative project of their choice. The course emphasizes the creative process over the final project, developing awareness of how mindfulness informs the creative process. Students cultivate creative collaboration and critical analysis by analyzing a work of art in teams. They research the historical and cultural context of the work and devise a short group project based on their findings. Readings might include texts by Anne Bogart, Chogyam Trungpa, John Cage, Mihaly Csikszentmihalyi, Dr. Kabat-Zinn, Sharon Salzberg, Julia Cameron and Liz Lerman's Critical Response Theory.	Lecture	3	0	2FA; BER	N	U30		0
FAR	THAR	THAR	2130	Acting Fundamentals II ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 1110 or 1111 or 1130 COURSE DESC: 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.	Laboratory	3	0		N	U30		0
FAR	THAR	THAR	2130	Acting Fundamentals II ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 1110 or 1111 or 1130 COURSE DESC: 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.	Lecture	3	0		N	U30		0
FAR	THAR	THAR	2140C	Theater in Education 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.	Studio	3	0	2FA	N	U30		0
FAR	THAR	THAR	2150	Performing Patient Care: Immersive Healthcare Theater ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: This course equips students enrolled in healthcare-related majors with skills in patient communication and advocacy necessary to work professionally in the 21st century. Through exercises in improvisation, active listening, and scene work, this course helps future healthcare professionals develop their human-centered, social competencies, including empathy, compassion, and cultural humility.	Laboratory	3	0	2FA	N	U30		75
FAR	THAR	THAR	2150	Performing Patient Care: Immersive Healthcare Theater ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: This course equips students enrolled in healthcare-related majors with skills in patient communication and advocacy necessary to work professionally in the 21st century. Through exercises in improvisation, active listening, and scene work, this course helps future healthcare professionals develop their human-centered, social competencies, including empathy, compassion, and cultural humility.	Lecture	3	0	2FA	N	U30		75
FAR	THAR	THAR	2160	Movement for Actors I ELIGIBLE GRADES: GEC1: A-F REQUISITE: BFA 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.	Studio	3	0		N	U30		0
FAR	THAR	THAR	2161	Movement for Actors II ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2160 COURSE DESC: 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.	Studio	3	0		N	U30		0
FAR	THAR	THAR	2170	Voice and Speech for the Actor I ELIGIBLE GRADES: GEC1: A-F REQUISITE: BFA Acting major COURSE DESC: Vocal exercises aimed at releasing undue tension in the voice and an introduction to speech exercises including phonetics and articulation.	Studio	3	0		N	U30		0
FAR	THAR	THAR	2171	Voice and Speech for the Actor II ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 2170 COURSE DESC: Vocal work intended to increase power and range without unnecessary strain that incorporates specific speech with heightened expressivity.	Studio	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	2180	Voice and Speech Training	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Group and individual instruction in basic elements of vocal training for public speaking and performance.								
FAR	THAR	THAR	2180	Voice and Speech Training	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Group and individual instruction in basic elements of vocal training for public speaking and performance.								
FAR	THAR	THAR	2300	Practicum in Production Design	Laboratory	1 to 4	20	BLD	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	THAR	THAR	2350	Stagecraft: Scenery	Tutorial	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1391								
		COURSE DESC:		Procedures and practice in theatrical scenic production; practical experience.								
FAR	THAR	THAR	2360	Stagecraft: Costume Construction	Laboratory	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1391								
		COURSE DESC:		Procedures and practices in theatrical costume production; practical experience.								
FAR	THAR	THAR	2360	Stagecraft: Costume Construction	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1391								
		COURSE DESC:		Procedures and practices in theatrical costume production; practical experience.								
FAR	THAR	THAR	2387	Stage Makeup and Character Design	Studio	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Theory and practice of stage makeup and character design.								
FAR	THAR	THAR	2390	Theatrical Design Skills: The Text and Concept	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1390								
		COURSE DESC:		A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.								
FAR	THAR	THAR	2390	Theatrical Design Skills: The Text and Concept	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 1390								
		COURSE DESC:		A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.								
FAR	THAR	THAR	2510	Introduction to Playwriting	Seminar	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and THAR 1730 or 171								
		COURSE DESC:		Introduction to theories and practice of dramatic writing.								
FAR	THAR	THAR	2600	Practicum in Production Stage Management	Laboratory	1 to 6	18	BLD	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	THAR	THAR	2710	Theater and Performance History I	Discussion	3	0	2FA; FIE; PHA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	THAR	THAR	2710	Theater and Performance History I	Lecture	3	0	2FA; FIE; PHA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	THAR	THAR	2711	Theater and Performance History II	Discussion	3	0	2FA; FIE; PHA	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	2711	Theater and Performance History II	Lecture	3	0	2FA; FIE; PHA	N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	THAR	THAR	2810	History and Literature of Musical Theater	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This is a survey of the history of the development of musical theater, from the origins of musical Greek Drama, opera, operetta, indigenous American musical and theatrical forms, to the present. Emphasis is placed on 19th and 20th Century American Musical Theater and the resultant repertoire.								
FAR	THAR	THAR	2870	Voice and Movement for Musical Theater I	Studio	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 1111 This is an introductory course in movement and speech for Musical Theater actors. Focus is on movement principles, body-breath-voice-speech connection, anatomy, release of inhibiting muscular tension, and the expressive potential of the voice and body. Additionally, we deconstruct elements of space and time to respond to the environment and build the ensemble.								
FAR	THAR	THAR	2871	Voice and Movement for Musical Theater II	Studio	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 2870 This is the second of two courses focusing on strengthening the actor's body and voice with more rigorous practices. The student actor continues to cultivate accessing the imagination through the body, and developing short compositions inspired by elements of space and time. We introduce gateways into character via voice and body.								
FAR	THAR	THAR	2900	Special Topics in Theater Arts	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.								
FAR	THAR	THAR	2970T	Theater Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC CR, PR Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.								
FAR	THAR	THAR	2980T	Theater Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: HTC CR, PR Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.								
FAR	THAR	THAR	3100	Practicum in Acting	Laboratory	1 to 4	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition and Jr or Sr Preparation, rehearsal, and performance of a role for public performance.								
FAR	THAR	THAR	3110	Acting III	Studio	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 2111 and BFA Acting major 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	THAR	THAR	3111	Acting IV	Studio	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 3110 or 310 or 311 and BFA Acting major 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	THAR	THAR	3130	Scene Study	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 2130 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	THAR	THAR	3130	Scene Study	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 2130 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	THAR	THAR	3160	Physical Theater I	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: THAR 2161 or 216 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	3161	Physical Theater II	Studio	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.								
FAR	THAR	THAR	3162	Stage Combat	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 3160 and BFA Acting 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	THAR	THAR	3170	Voice and Speech for the Actor III	Studio	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	THAR	THAR	3171	Voice and Speech for the Actor IV	Studio	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	THAR	THAR	3210	Beginning Directing	Laboratory	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	THAR	THAR	3210	Beginning Directing	Lecture	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	THAR	THAR	3300	Practicum in Production Design	Laboratory	1 to 4	20	BLD	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	THAR	THAR	3310	Lighting Design I	Tutorial	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	THAR	THAR	3319	Stage Electrics	Tutorial	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	THAR	THAR	3330	Scene Painting	Laboratory	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	THAR	THAR	3361	Costume Technology I: Pattern Development and Construction	Tutorial	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	THAR	THAR	3380	Introduction to Props and Crafts Techniques	Laboratory	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	THAR	THAR	3380	Introduction to Props and Crafts Techniques	Lecture	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	THAR	THAR	3390	Design Skills - Figure Drawing and Costume Illustration Techniques	Tutorial	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	THAR	THAR	3391	Theatrical Design Skills: The Space	Tutorial	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	3392	Drafting for the Theater	Tutorial	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.								
FAR	THAR	THAR	3393	Vectorworks for the Theater	Tutorial	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	THAR	THAR	3395	Digital Portfolio and Performance Photography	Laboratory	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	THAR	THAR	3395	Digital Portfolio and Performance Photography	Lecture	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	THAR	THAR	3396	Design History I: Period Styles	Lecture	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	THAR	THAR	3397	Design History II: Costume Survey	Lecture	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	THAR	THAR	3398	Design History III: 20th- Century Clothing and Culture	Lecture	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	THAR	THAR	3399	Scenography: Exploring the Creative Vision	Tutorial	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	THAR	THAR	3400	Off-Campus Practicum	Laboratory	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Supervised practice and experimentation in the company operation of a community theater performance project.								
FAR	THAR	THAR	3510	Playwriting Revision Technique	Seminar	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	THAR	THAR	3511	Playwriting Style and Voice	Seminar	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	THAR	THAR	3600	Practicum in Production Stage Management	Laboratory	1 to 6	18	BLD	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	THAR	THAR	3605	Stage Management 1: Fundamentals of Stage Management	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	3608	Advanced Stage Management	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 1392 and 3605						
		COURSE DESC:		This course is designed to explore the artistic and organizational techniques and practices of stage management. Specific stage management methods and techniques within the collaborative process of rehearsal and tech are closely considered.								
FAR	THAR	THAR	3610	Stage Management Seminar	Seminar	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 1392						
		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	THAR	THAR	3810	Musical Theater Workshop I	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 2110 and BFA in Performance major - Musical Theatre track						
		COURSE DESC:		Students develop tools to apply acting techniques for spoken text to musical theater solo performance. Students continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.								
FAR	THAR	THAR	3810	Musical Theater Workshop I	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 2110 and BFA in Performance major - Musical Theatre track						
		COURSE DESC:		Students develop tools to apply acting techniques for spoken text to musical theater solo performance. Students continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.								
FAR	THAR	THAR	3811	Musical Theater Workshop II	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 3810 and BFA in Performance major - Musical Theatre track						
		COURSE DESC:		Students develop tools to apply acting techniques for spoken text to musical theater performance, in scenework and solo performance. Students continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.								
FAR	THAR	THAR	3811	Musical Theater Workshop II	Studio	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 3810 and BFA in Performance major - Musical Theatre track						
		COURSE DESC:		Students develop tools to apply acting techniques for spoken text to musical theater performance, in scenework and solo performance. Students continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.								
FAR	THAR	THAR	3920	Tantrum Theater Practicum	Practicum	1 to 4	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Supervised practice in the operation of a professional theater company.								
FAR	THAR	THAR	3970T	Theater Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Junior-level tutorial course for students in the Honors Tutorial College.								
FAR	THAR	THAR	3980T	Theater Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Junior-level tutorial course for students in the Honors Tutorial College.								
FAR	THAR	THAR	4100	Practicum in Acting	Laboratory	1 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr only and Audition						
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.								
FAR	THAR	THAR	4110	Acting Studio I	Studio	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BFA Acting major and Sr only						
		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.								
FAR	THAR	THAR	4111	Acting Studio II	Studio	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BFA Acting major and Sr only						
		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.								
FAR	THAR	THAR	4120	Acting for Film, Television and New Media	Studio	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	THAR 3111 and Sr only						
		COURSE DESC:		Study and application of studio acting techniques specific to film, television and new media.								

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FAR	THAR	THAR	4130	Advanced Acting	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3130								
		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.								
FAR	THAR	THAR	4130	Advanced Acting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3130								
		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.								
FAR	THAR	THAR	4200	Practicum-Directing	Laboratory	1 to 6	18		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		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.)								
FAR	THAR	THAR	4210	Intermediate Directing	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3210								
		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.								
FAR	THAR	THAR	4210	Intermediate Directing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAR 3210								
		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.								
FAR	THAR	THAR	4300	Practicum in Production Design	Laboratory	1 to 4	30	BLD	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	THAR	THAR	4301	Scenography Seminar	Seminar	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 or 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	THAR	THAR	4301	Scenography Seminar	Studio	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 or 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	THAR	THAR	4311	Lighting Design II	Tutorial	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	THAR	THAR	4312	Lighting Design: Cueing	Tutorial	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	THAR	THAR	4313	Lighting Topics: Automated	Tutorial	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	THAR	THAR	4320	Costume Design	Tutorial	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	THAR	THAR	4340	Scene Design	Tutorial	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	THAR	THAR	4350	Technical Direction	Tutorial	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	4351	Stage Rigging	Tutorial	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	THAR	THAR	4352	Welding for the Theater	Tutorial	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	THAR	THAR	4353	Studies in Stage Automation Systems	Tutorial	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	THAR	THAR	4362	Costume Technology II: Advanced Pattern Development and Construction	Tutorial	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	THAR	THAR	4363	Costume Technology III: Theatrical Tailoring	Tutorial	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.								
FAR	THAR	THAR	4364	Costume Technology IV: Specialized Silhouettes and Construction	Tutorial	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	THAR	THAR	4365	Costume Technology V: Rendering Interpretation	Tutorial	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	THAR	THAR	4370	Theatrical Sound Design	Tutorial	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	THAR	THAR	4371	Theatrical Sound Production	Laboratory	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	THAR	THAR	4371	Theatrical Sound Production	Lecture	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	THAR	THAR	4381	Advanced Crafts Techniques	Tutorial	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	THAR	THAR	4382	Advanced Properties Construction and Organization for the Stage	Tutorial	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	THAR	THAR	4383	Advanced Props Techniques: Furniture Construction	Tutorial	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	THAR	THAR	4384	Advanced Props Techniques: Steel Work	Tutorial	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	4390	Creating the Realized Design/Main Stage Process	Tutorial	1 to 3	12		I	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required 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	THAR	THAR	4399	Design and Production Business	Lecture	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	THAR	THAR	4510	Advanced Playwriting	Seminar	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	THAR	THAR	4520	Playwriting Senior Project	Lecture	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	THAR	THAR	4600	Practicum in Stage Management: Senior Project	Laboratory	1 to 6	18	BLD; CAP	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	THAR	THAR	4700	Practicum in Dramaturgy	Laboratory	1 to 6	18	BLD	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	THAR	THAR	4710	Seminar in Theater History and Drama: Selected Topics	Seminar	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	THAR	THAR	4720	Forms of Drama	Lecture	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	THAR	THAR	4730	American Theater and Drama	Lecture	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	THAR	THAR	4810	Actor-Musicianship Workshop	Laboratory	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3810 and Actor Musicianship: Music Focus or Actor Musicianship: Theater Focus certificate student								
				COURSE DESC: Advanced acting and performance skills. The acting vocabulary is expanded to include the understanding and application of interdisciplinary methods and approaches to actor-musicianship. Physical approaches and techniques are integrated.								
FAR	THAR	THAR	4810	Actor-Musicianship Workshop	Studio	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: THAR 3810 and Actor Musicianship: Music Focus or Actor Musicianship: Theater Focus certificate student								
				COURSE DESC: Advanced acting and performance skills. The acting vocabulary is expanded to include the understanding and application of interdisciplinary methods and approaches to actor-musicianship. Physical approaches and techniques are integrated.								
FAR	THAR	THAR	4900	Special Topics in Theater Arts	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR								
				COURSE DESC: Specific course content will vary with offering.								
FAR	THAR	THAR	4910	Professional Theater Internship	Internship	1 to 15	999	BLD	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	THAR	THAR	4970T	Theater Tutorial	Tutorial	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: HTC								
				COURSE DESC: Senior- level tutorial course for students in the Honors Tutorial College.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	4980T	Theater Tutorial	Tutorial	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	THAR	THAR	4991	Independent Studies in Acting	Tutorial	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	THAR	THAR	4992	Independent Studies in Directing	Laboratory	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	THAR	THAR	4993	Independent Studies in Production Design and Technology	Tutorial	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.								
FAR	THAR	THAR	5010	Introduction to Graduate Study	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate theater major CR, PR								
		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	THAR	THAR	5100	Practicum in Acting	Laboratory	1 to 4	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.								
FAR	THAR	THAR	5110	Acting I: Foundation	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major CR, PR								
		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	THAR	THAR	5111	Acting II: Foundation	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5110 CR, PR								
		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	THAR	THAR	5140	Theater in Education Methods Class	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on methods and materials for teaching theater to students in grades K-12. Students develop learning units with relevant teaching components organized around specific theater concepts and produce assessment mechanisms for the evaluation of student theater projects in alignment with the 2008 Modified Ohio/NAST Program Standards (Grades PreK-12). Supervised clinical teaching experiences in the public schools and/or public theaters are required.								
FAR	THAR	THAR	5140	Theater in Education Methods Class	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on methods and materials for teaching theater to students in grades K-12. Students develop learning units with relevant teaching components organized around specific theater concepts and produce assessment mechanisms for the evaluation of student theater projects in alignment with the 2008 Modified Ohio/NAST Program Standards (Grades PreK-12). Supervised clinical teaching experiences in the public schools and/or public theaters are required.								
FAR	THAR	THAR	5160	Movement for Actors I	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major CR, PR								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5161	Movement for Actors II	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5160 CR, PR								
		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	THAR	THAR	5170	Voice and Speech for the Actor I	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA acting major CR, PR								
		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	THAR	THAR	5171	Voice and Speech for the Actor II	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5170 CR, PR								
		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	THAR	THAR	5200	Practicum in Directing	Laboratory	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	THAR	THAR	5210	Directing I	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA directing major CR, PR								
		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	THAR	THAR	5210	Directing I	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MFA directing major CR, PR								
		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	THAR	THAR	5211	Directing II	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5210 CR, PR								
		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	THAR	THAR	5211	Directing II	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5210 CR, PR								
		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	THAR	THAR	5240	Director-Designer Communication	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	THAR	THAR	5300	Practicum in Design and/or Technical Production	Laboratory	1 to 6	36		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Practical application of design and technical theory.								

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COURSE LISTING
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FAR	THAR	THAR	5301	Scenography Seminar	Seminar	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	THAR	THAR	5301	Scenography Seminar	Studio	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	THAR	THAR	5310	Lighting Design I	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Light as an element of design.								
FAR	THAR	THAR	5311	Lighting Design II	Tutorial	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	THAR	THAR	5312	Lighting Design: Cueing	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design for creating mood, atmosphere and storytelling.								
FAR	THAR	THAR	5313	Lighting Topics: Automated	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5310 or 5319								
		COURSE DESC:		A specialized study of skills utilized in automated theatrical lighting design.								
FAR	THAR	THAR	5319	Stage Electrics	Tutorial	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Procedures and practice in theatrical stage electrics; practical experience.								
FAR	THAR	THAR	5320	Costume Design	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	THAR	THAR	5321	Film Design: Costume Design and Art Direction	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major								
		COURSE DESC:		An exploration of film costume design and art direction from the preparation of a film through the shooting process.								
FAR	THAR	THAR	5321	Film Design: Costume Design and Art Direction	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major								
		COURSE DESC:		An exploration of film costume design and art direction from the preparation of a film through the shooting process.								
FAR	THAR	THAR	5330	Scene Painting	Laboratory	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Introduction to painting techniques, materials, and color problems for the stage.								
FAR	THAR	THAR	5340	Scene Design	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Scene design theory and practices.								
FAR	THAR	THAR	5350	Technical Direction	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Role and responsibilities of technical director applied to design problems.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5351	Stage Rigging	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350								
		PR										
		COURSE DESC:		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	THAR	THAR	5352	Welding for the Theater	Tutorial	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		PR										
		COURSE DESC:		An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.								
FAR	THAR	THAR	5353	Studies in Stage Automation Systems	Tutorial	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	THAR	THAR	5360	Costume Construction Techniques for the Stage	Tutorial	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Procedures and practices in theatrical costume production; practical experience.								
FAR	THAR	THAR	5361	Costume Technology I: Pattern Development and Construction	Tutorial	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	THAR	THAR	5362	Costume Technology II: Advanced Pattern Development and Construction	Tutorial	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	THAR	THAR	5363	Costume Technology III: Theatrical Tailoring	Tutorial	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	THAR	THAR	5364	Costume Technology IV: Specialized Silhouettes and Construction	Tutorial	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	THAR	THAR	5365	Costume Technology V: Rendering Interpretation	Tutorial	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	THAR	THAR	5370	Theatrical Sound Design	Tutorial	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	THAR	THAR	5371	Theatrical Sound Production	Laboratory	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	THAR	THAR	5371	Theatrical Sound Production	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5372	Sound and Lighting Shop Management	Seminar	3 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:						
		COURSE DESC:		This course is a formal hands-on class in which students learn to function as a manager for theater's sound and lighting shops. The student learns the practices and processes involved in lighting and sound shop management.								
FAR	THAR	THAR	5380	Props and Crafts Techniques	Laboratory	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		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	THAR	THAR	5380	Props and Crafts Techniques	Lecture	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		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	THAR	THAR	5381	Advanced Crafts Techniques	Tutorial	3	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:		Permission required				
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.								
FAR	THAR	THAR	5382	Advanced Properties Construction and Organization for the Stage	Tutorial	3	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:		Permission required				
		COURSE DESC:		Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.								
FAR	THAR	THAR	5383	Advanced Props Techniques: Furniture Construction	Tutorial	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: 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	THAR	THAR	5384	Advanced Props Techniques: Steel Work	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: 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	THAR	THAR	5387	Stage Makeup and Character Design	Studio	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		COURSE DESC:		Theory and practice of stage makeup and character design.								
FAR	THAR	THAR	5390	Design Skills - Figure Drawing and Costume Illustration Techniques	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		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	THAR	THAR	5391	Theatrical Design Skills - The Space	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		COURSE DESC:		Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization, and script analysis.								
FAR	THAR	THAR	5392	Drafting for the Theater	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		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	THAR	THAR	5393	Vectorworks for the Theater	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,		REQUISITE:						
		COURSE DESC:		A specialized study of computer aided design skills utilized for theatrical design.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5395	Digital Portfolio and Performance Photography	Laboratory	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	THAR	THAR	5395	Digital Portfolio and Performance Photography	Lecture	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	THAR	THAR	5396	Design History I: Period Styles	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 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	THAR	THAR	5397	Design History II: Costume Survey	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Development of dress and influence of technical and cultural factors from Antiquity to 1900.								
FAR	THAR	THAR	5398	Design History III: 20th- Century Clothing and Culture	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 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.								
FAR	THAR	THAR	5399	Design and Production Business	Lecture	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	THAR	THAR	5400	Off-Campus Practicum	Laboratory	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	THAR	THAR	5410	Introduction to Theater Management	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines the business side of theater through specific discussions of theater management techniques. The course includes dialogue and study of arts administration, box office and front-of-house procedures, accounting practices, marketing and publicity approaches and personnel issues. The differences and similarities between commercial theaters versus not-for-profit theaters are explored.								
FAR	THAR	THAR	5510	Dramatic Writing Seminar I	Seminar	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	THAR	THAR	5511	Seminar in Rewriting Techniques and the Ensemble Part I	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5510 and Playwriting MFA student PR								
		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	THAR	THAR	5520	Writing for Production I	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major PR								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5521	Writing for Production II	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520								
		COURSE DESC:		PR 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	THAR	THAR	5530	First Year Playwrights Workshop	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major								
		COURSE DESC:		PR 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	THAR	THAR	5531	First Year Playwrights Workshop II	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5530 or THAR 550								
		COURSE DESC:		PR 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	THAR	THAR	5600	Practicum in Production Stage Management	Laboratory	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5610 or concurrent								
		COURSE DESC:		CR, PR Practical experience in production stage management.								
FAR	THAR	THAR	5610	Stage Management Seminar	Seminar	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	THAR	THAR	5700	Practicum in Dramaturgy	Laboratory	1 to 4	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Practical experience as a dramaturgy in School of Theater productions, including historical, textual, and bibliographical research, as well as audience outreach.								
FAR	THAR	THAR	5710	Seminar: Topics in Theater History	Seminar	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		CR, PR An in-depth examination of a selected area of theater history and drama.								
FAR	THAR	THAR	5720	Theater Scholarship	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	THAR	THAR	5730	Dramatic Criticism I	Lecture	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Principles of dramatic criticism from Aristotle to modern theater.								
FAR	THAR	THAR	5731	Dramatic Criticism II	Lecture	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Modern dramatic criticism from time of Ibsen to present.								
FAR	THAR	THAR	5740	Theater Research and Scholarship	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	THAR	THAR	5900	Special Topics in Theater Arts	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	5920	Tantrum Theater Practicum	Practicum	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Supervised practice in the operation of a professional theater company.								
FAR	THAR	THAR	5993	Independent Studies in Design and/or Technical Theater	Tutorial	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 production design and technology beyond normal course offerings.								
FAR	THAR	THAR	6099	Directed Instruction	Tutorial	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		PR										
		COURSE DESC:		Supervised practice in instructing.								
FAR	THAR	THAR	6100	Practicum in Acting	Laboratory	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.								
FAR	THAR	THAR	6110	Acting III: Application and Character	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 5111						
		CR, PR										
		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	THAR	THAR	6111	Acting IV: Character and Heightened Language	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 6110						
		CR, PR										
		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	THAR	THAR	6160	Physical Theater I	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 5161						
		CR, PR										
		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	THAR	THAR	6161	Physical Theater II	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 6160						
		CR, PR										
		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	THAR	THAR	6162	Stage Combat	Studio	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	THAR	THAR	6170	Voice and Speech for the Actor III	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 517C						
		CR, PR										
		COURSE DESC:		The Language of Shakespeare, a textual and practical overview of Shakespeare's use of language and rhetorical devices.								
FAR	THAR	THAR	6171	Voice and Speech for the Actor IV	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	THAR 6170						
		CR, PR										
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	6200	Practicum in Directing	Laboratory	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	THAR	THAR	6210	Period Style and the Director I	Laboratory	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	THAR	THAR	6210	Period Style and the Director I	Lecture	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	THAR	THAR	6211	Period Style and the Director II: Shakespeare	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210								
		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	THAR	THAR	6211	Period Style and the Director II: Shakespeare	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210								
		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	THAR	THAR	6300	Practicum in Design and/or Technical Production	Laboratory	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	THAR	THAR	6320	Advanced Costume Design Techniques	Tutorial	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	THAR	THAR	6340	Advanced Scenic Design Techniques	Tutorial	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	THAR	THAR	6350	Advanced Technical Direction	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350								
		COURSE DESC:		Advanced problems and projects in technical direction emphasizing problem solving, research and development, management, and collaboration.								
FAR	THAR	THAR	6390	Creating the Realized Design/Main Stage Process	Studio	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	6510	Seminar in Contemporary Playwrights	Seminar	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	THAR	THAR	6511	Seminar in Rewriting Techniques and the Ensemble Part II	Seminar	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	THAR	THAR	6520	Writing for Production III	Seminar	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	THAR	THAR	6521	Writing for Production IV	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 PR								
		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	THAR	THAR	6530	Second Year Playwrights Workshop	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5531 PR								
		COURSE DESC:		Development of the second-year full-length play through the application of advanced theories of Dramatic Structure.								
FAR	THAR	THAR	6531	Second Year Playwrights Workshop	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 PR								
		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	THAR	THAR	6900	Special Topics in Theater Arts	Lecture	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	THAR	THAR	6940	Thesis: Research	Research	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate theater major CR, PR								
		COURSE DESC:		Supervised research and preparation for a thesis production, performance, portfolio, written thesis, or written play.								
FAR	THAR	THAR	6950	Theater Written Thesis	Thesis	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	THAR	THAR	6960	Theater Project/Portfolio Thesis	Tutorial	.5 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	THAR	THAR	7100	Practicum in Acting	Laboratory	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	7110	Acting V: Style	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6111 CR, PR								
		COURSE DESC:		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.								
FAR	THAR	THAR	7111	Acting VI: Bridging to the Business	Studio	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	THAR	THAR	7160	Voice and Movement	Studio	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	THAR	THAR	7170	Voice and Speech for the Actor V	Studio	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	THAR	THAR	7210	Directing Symposium-Orson Welles on Shakespeare	Laboratory	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	THAR	THAR	7210	Directing Symposium-Orson Welles on Shakespeare	Seminar	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	THAR	THAR	7211	Directing Symposium-Great Directors and Their Work	Laboratory	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	THAR	THAR	7211	Directing Symposium-Great Directors and Their Work	Seminar	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	THAR	THAR	7300	Practicum in Design and/or Technical Production	Laboratory	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	THAR	THAR	7310	Seminar: Lighting	Tutorial	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	7320	Seminar: Costume Design	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of production designs.								
FAR	THAR	THAR	7340	Seminar: Scenic Design	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of production designs.								
FAR	THAR	THAR	7350	Seminar: Technical Direction	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of productions.								
FAR	THAR	THAR	7360	Seminar: Costume Technology	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5362								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of productions.								
FAR	THAR	THAR	7370	Seminar: Sound	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of productions.								
FAR	THAR	THAR	7380	Seminar: Crafts/Props	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of productions.								
FAR	THAR	THAR	7390	Seminar in Production Design and Technology	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major								
		COURSE DESC:		Preparation, planning, and presentation of a portfolio or portfolio projects in theatrical design and/or technical production.								
FAR	THAR	THAR	7510	Seminar in Research and Business Practices for Playwrights	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6511								
		COURSE DESC:		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	THAR	THAR	7511	Seminar in Rewriting Techniques and the Ensemble Part III	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 7510								
		COURSE DESC:		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	THAR	THAR	7520	Writing for Production V	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 or THAR 650								
		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 fifth course in the series is designed to introduce students to the skills necessary to serve as producer.								
FAR	THAR	THAR	7521	Writing for Production VI	Seminar	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 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	THAR	THAR	7530	Third Year Playwrights Workshop	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 or THAR 6531 or THAR 750								
		COURSE DESC:		Development of the thesis play through the application and synthesis of advanced theories of Dramatic Structure.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	7531	Third Year Playwrights Workshop	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 or THAR 6531 or THAR 7530 or THAR 750								
		PR										
		COURSE DESC:		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	THAR	THAR	7710	Greek Theater and Drama	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama from ancient Greece.								
FAR	THAR	THAR	7720	Roman and Medieval Theater	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama from ancient Rome through the medieval era.								
FAR	THAR	THAR	7730	Renaissance Theater and Drama	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama in the Renaissance.								
FAR	THAR	THAR	7740	Restoration and 18th-Century Theater	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama from the Restoration through the 18th- century.								
FAR	THAR	THAR	7750	Baroque Theater and Drama	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama in the Baroque era.								
FAR	THAR	THAR	7760	19th-Century Theater and Drama	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama in the 19th- century.								
FAR	THAR	THAR	7770	Modern Theater and Drama	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		Seminar covering theater and drama in the modern era.								
FAR	THAR	THAR	7901	Internship in Acting	Tutorial	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	THAR	THAR	7902	Internship in Directing	Tutorial	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	THAR	THAR	7903	Internship in Design or Production	Tutorial	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	THAR	THAR	7905	Internship in Playwriting	Tutorial	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	THAR	THAR	7991	Independent Studies in Acting	Tutorial	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	THAR	THAR	7992	Independent Studies in Directing	Laboratory	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	THAR	THAR	7995	Independent Studies in Playwriting	Tutorial	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	THAR	THAR	7997	Independent Studies in History, Research, and Criticism	Tutorial	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GRAD	GRAD	GRAD	8930	Independent Graduate Study	Ind Study	.5 to 2.5	7.5		N			0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Students in this course conduct independent work toward their degree, including qualifying or comprehensive exam preparation, independent reading, and dissertation prospectus research. This work is typically unsupervised and credit hours from this course will not count toward graduation requirements. This course is appropriate for students who have not advanced to doctoral candidacy.								
GRAD	GRAD	GRAD	8940	Independent Graduate Research	Research	.5 to 2.5	7.5		N			0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Students in this course conduct independent work toward their degree, including independent reading and dissertation preparation. This work is typically unsupervised and credit hours from this course will not count toward graduation requirements. This course is appropriate for students who have advanced to doctoral candidacy.								
GRAD	GRAD	IIP	6941	Professional Seminar 1	Seminar	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	Seminar	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	Lecture	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	Lecture	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	Seminar	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 Study	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GRAD	GRAD	TBS	6940	Independent Research in Translational Biomedical Sciences	Research	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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 Study	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	Lecture	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	Practicum	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	Thesis	.5 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	2900	Special Topics in Environmental Studies	Lecture	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	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Special environmental studies course offered for students in the Honors Tutorial College.								
GVS	ES	ES	2971T	Environmental Studies Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2980T and HTC								
		COURSE DESC:		Tutorial for second year HTC students in Environmental Studies.								
GVS	ES	ES	2980T	Environmental Studies Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2970T and HTC								
		COURSE DESC:		Honors tutorial for students in environmental studies.								
GVS	ES	ES	2981T	Environmental Studies Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2971T and HTC								
		COURSE DESC:		Tutorial for HTC students in Environmental Studies.								
GVS	ES	ES	3620	Environmental Science and Public Policy	Lecture	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.								
GVS	ES	ES	3970T	Environmental Studies Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 2981T and HTC								
		COURSE DESC:		Tutorial for 3rd year HTC students in Environmental Studies.								
GVS	ES	ES	3980T	Environmental Studies Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ES 3970T and HTC								
		COURSE DESC:		Tutorial course for 3rd year HTC students in Environmental Studies.								
GVS	ES	ES	4250	Watershed Management	Lecture	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	Seminar	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	Field	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	4300	Field Methods in Environmental Studies	Seminar	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	Seminar	3	0	3; CAP	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	4610	Resilience Theory and Practice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ES 3620						
		COURSE DESC:		Resiliency has emerged as a central concept across a wide variety of fields including: city planning, policy analysis, human security, economics, natural resource and environmental management, public services, infrastructure planning, engineering, technology innovation, and indeed any field dealing with rapidly changing systems. Students unpack and apply ideas in resiliency theory to a broad range of fields of practice, link new theory with application, and gain real world experience in applying these concepts. Students examine resiliency as a general concept, critique the concept as a management approach, and focus on concrete applications.								
GVS	ES	ES	4630	Climate Change Mitigation, Adaptation and Resilience Policy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ES 3620						
		COURSE DESC:		This course introduces students to the study of climate policy and planning. Students examine the range of mitigation, adaptation and resilience approaches for managing greenhouse gas emissions and the impacts of climate change to improve human and environmental security. Students gain an understanding of the implications of climate change science for public policy making and hands-on experience in using climate information for preparing a climate change plan. Students explore a basic overview of public policy theory, discuss various policy options for mitigation and adaptation policy, and gain the skills necessary for incorporating climate into a diverse area of public policy issues. Students are presented with the general theory, analytic frameworks, and specific techniques necessary to analyze climate change policy alternatives within a larger human security framework. The skills learned in this class are applicable to a variety of levels of government planning (local, state and national) as well as across the private, nonprofit and public sectors.								
GVS	ES	ES	4640	Risk, Climate Security, and Community Engagement	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ES 3620 or GEOG 3580 or GEOG 4520						
		COURSE DESC:		Climate change and other rapid environmental changes create risk to communities, infrastructure, and human security; managing these climate-related risks requires understanding of the community, its risk perception, and collaborative communication and management planning. Students characterize risk to communities from climate change and explore risk perception theory and methods to manage threats to human security. Students discuss concepts of justice and equity in risks to human security, risk management, and communication. Students explore these particular climate change and environmental challenges through the multidimensional and interdisciplinary lens of human security.								
GVS	ES	ES	4710	Bioenergy: Science, Policy, and Business	Lecture	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	Lecture	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	4730	Environmental Entrepreneurship	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students gain an understanding of key problems, root causes, and potential entrepreneurial solutions relevant to selected contemporary environmental challenges. Students apply interdisciplinary perspectives to identify, analyze, and evaluate environmental issues, measure impacts, and establish criteria for effective remedies. The course reviews key environmental challenges within selected areas (with topical themes chosen from contemporary issues in environment, health & well being, education, economic development, and other timely topics.) as well as fundamentals of social entrepreneurship to enable students to design and present enterprise development models for market-based social ventures seeking to deliver such remedies. Students learn how to pitch venture proposals to address criteria evaluating efficacy, feasibility, sustainability, and potential "return on investment" for both financial and social/environmental impacts.								
GVS	ES	ES	4740	Strategies for Resilient Agriculture	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ES 3620						
		COURSE DESC:		Agricultural production systems comprise a fundamental sector of the economy, of which many policy makers have only specialized knowledge based on single commodities. Students gain an overview of the diverse portfolio of agricultural products that drive essential systems in the United States, and the major challenges that exist for achieving resiliency in the agricultural sector. Students explore food, livestock, fiber, and fuel crop management and associate supply chains that are complex systems influencing social, environmental, and economic resilience.								
GVS	ES	ES	4832	Sustainability Implementation Practicum	Seminar	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	4840	Science, Technology and Innovation Policy	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Innovation and entrepreneurship have evolved from unstructured societal process to what is today a core principle of many private sector companies, a public policy goal of governments at all levels, and the primary mission of research organizations. Students examine both the theory and practice of how societies discover and create something new. Students examine the variety of processes through which ideas are generated, implemented and result in change to products, technologies, techniques, organizations, and policies. Students explore the concepts of environmental innovation and entrepreneurship.								
GVS	ES	ES	4900	Special Topics in Environmental Studies	Seminar	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	Internship	1 to 5	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		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	Tutorial	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	Tutorial	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	Lecture	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	Seminar	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	5610	Resilience Theory and Practice	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Resiliency has emerged as a central concept across a wide variety of fields including: city planning, policy analysis, human security, economics, natural resource and environmental management, public services, infrastructure planning, engineering, technology innovation, and indeed any field dealing with rapidly changing systems. Students unpack and apply ideas in resiliency theory to a broad range of fields of practice, link new theory with application, and gain real world experience in applying these concepts. Students examine resiliency as a general concept, critique the concept as a management approach, and focus on concrete applications.								
GVS	ES	ES	5620	Environmental Science and Public Policy	Lecture	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	5630	Climate Change Mitigation, Adaptation and Resilience Policy	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to the study of climate policy and planning. Students examine the range of mitigation, adaptation and resilience approaches for managing greenhouse gas emissions and the impacts of climate change to improve human and environmental security. Students gain an understanding of the implications of climate change science for public policy making and hands-on experience in using climate information for preparing a climate change plan. Students explore a basic overview of public policy theory, discuss various policy options for mitigation and adaptation policy, and gain the skills necessary for incorporating climate into a diverse area of public policy issues. Students are presented with the general theory, analytic frameworks, and specific techniques necessary to analyze climate change policy alternatives within a larger human security framework. The skills learned in this class are applicable to a variety of levels of government planning (local, state and national) as well as across the private, nonprofit and public sectors.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	5640	Risk, Climate Security, and Community Engagement	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Climate change and other rapid environmental changes create risk to communities, infrastructure, and human security; managing these climate-related risks requires understanding of the community, its risk perception, and collaborative communication and management planning. Students characterize risk to communities from climate change and explore risk perception theory and methods to manage threats to human security. Students discuss concepts of justice and equity in risks to human security, risk management, and communication. Students explore these particular climate change and environmental challenges through the multidimensional and interdisciplinary lens of human security.								
GVS	ES	ES	5710	Bioenergy: Science, Policy, and Business	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5720	Energy Systems and Policy	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5730	Environmental Entrepreneurship	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students gain an understanding of key problems, root causes, and potential entrepreneurial solutions relevant to selected contemporary environmental challenges. Students apply interdisciplinary perspectives to identify, analyze, and evaluate environmental issues, measure impacts, and establish criteria for effective remedies. The course reviews key environmental challenges within selected areas (with topical themes chosen from contemporary issues in environment, health & well being, education, economic development, and other timely topics.) as well as fundamentals of social entrepreneurship to enable students to design and present enterprise development models for market-based social ventures seeking to deliver such remedies. Students learn how to pitch venture proposals to address criteria evaluating efficacy, feasibility, sustainability, and potential "return on investment" for both financial and social/environmental impacts.								
GVS	ES	ES	5740	Strategies for Resilient Agriculture	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Agricultural production systems comprise a fundamental sector of the economy, of which many policy makers have only specialized knowledge based on single commodities. Students gain an overview of the diverse portfolio of agricultural products that drive essential systems in the United States, and the major challenges that exist for achieving resiliency in the agricultural sector. Students explore food, livestock, fiber, and fuel crop management and associate supply chains that are complex systems influencing social, environmental, and economic resilience.								
GVS	ES	ES	5832	Sustainability Implementation Practicum	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5840	Science, Technology and Innovation Policy	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Innovation and entrepreneurship have evolved from unstructured societal process to what is today a core principle of many private sector companies, a public policy goal of governments at all levels, and the primary mission of research organizations. Students examine both the theory and practice of how societies discover and create something new. Students examine the variety of processes through which ideas are generated, implemented and result in change to products, technologies, techniques, organizations, and policies. Students explore the concepts of environmental innovation and entrepreneurship.								
GVS	ES	ES	5900	Special Topics in Environmental Studies	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR								
				Designed as an undergraduate seminar on contemporary environmental issues.								
GVS	ES	ES	6580	Environmental Studies Colloquium	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		PR, F								
				Forum for presentation of original research, literature reviews, and discussions of contemporary environmental issues. Presentation by students, faculty, and guests.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	ES	6800	Seminar in Community-Based Environmental Studies	Seminar	2	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Must be enrolled in MSES program CR, PR								
				COURSE DESC: 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	6805	Seminar in Community-Based Environmental Studies	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Must be enrolled in MSES program								
				COURSE DESC: Students discuss and analyze contemporary environmental problems and their relationship to our cultural and economic systems. Students explore the Appalachian region in the context of environmental issues and engage with community organizations. Students analyze their environmental footprint and discuss their ability to make change.								
GVS	ES	ES	6810	Seminar in Environment and Society	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Interdisciplinary graduate-only offering covering such topics as natural resource conservation, environmental literacy, environmental ethics, policy, literature, and justice.								
GVS	ES	ES	6815	Community-Based Sustainability	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Students study concepts of environmental sustainability and the balance of social, environmental, and economic impacts of human activity. Students discuss and analyze contemporary environmental problems and their relationship to socio-cultural and economic systems. Students examine global and regional environmental legacy and current issues and consider the scientific basis for policy options. Students learn about the Appalachian region in the context of environmental issues and engage with community organizations.								
GVS	ES	ES	6820	Ecology and Environmental Issues	Seminar	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: 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	Lecture	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	Seminar	3	6		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: 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	6850	Capstone: Resilient Infrastructure and Communities	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Resilience theory has emerged as an approach for understanding how systems are able to thrive through rapid, often unexpected change. Managing for resilience is key in preparing for some of the greatest challenges that society faces including climate change, globalization, and rapid urbanization. In this capstone, students analyze the risk and vulnerability of a community, organization, or infrastructural system to unexpected change and develop strategies to improve the community or organization's resilience. Students critically evaluate the resilience preparation at a local, state, regional, and national level to highlight both best practices and lessons learned. They then select a system in which they are most interested; infrastructure, urban centers, community plans, ecological systems, organizational, and others. Students engage with organizations and communities to develop a resilience plan for that system with a focus on improving sustainability, human security, and resilience.								
GVS	ES	ES	6900	Special Topics in Environmental Studies	Seminar	1 to 3	9		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: Interdisciplinary, graduate only seminar that explores historical and contemporary environmental issues.								
GVS	ES	ES	6910	Environmental Studies Internship	Internship	1 to 12	12		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR								
				COURSE DESC: Offers graduate studies the opportunity to pursue practical experience in the environmental field.								
GVS	ES	ES	6940	Environmental Studies Research	Research	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	Thesis	.5 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
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	ES	4250A	Honors Experience in Watershed Management	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: Ohio Honors student and ES 4250 concurrently								
		COURSE DESC:		OHIO Honors curricular experience in Watershed Management								
GVS	GVS	ES	4300A	Honors Experience in Field Methods in Environmental Studies	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: Ohio Honors student and ES 4300 concurrently								
		COURSE DESC:		OHIO Honors Experience in Field Methods in Environmental Studies								
GVS	GVS	ES	4710A	Honors Experience in Bioenergy: Science, Policy, and Business	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: Ohio Honors student and ES 4710 concurrently								
		COURSE DESC:		OHIO curricular experience in Bioenergy: Science, Policy, and Business								
GVS	GVS	ES	4720A	Honors Experience in Energy Systems and Policy	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: Ohio Honors student and ES 4720 concurrently								
		COURSE DESC:		OHIO Honors curricular experience in Energy Systems and Policy								
GVS	GVS	ES	4831	Environmental Sustainability Assessment	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		An introduction to sustainability assessment theory with special reference to application. Students analyze sustainability planning efforts, contextualize and write up results, measure impacts, and learn the process to complete an assessment.								
GVS	GVS	ES	4920	Practicum in Environmental Studies	Practicum	1 to 3	6	BLD	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 Study	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	Field	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE:								
		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	GVS	ES	5300	Field Methods in Environmental Studies	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE:								
		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	GVS	ES	5301	Global Water Resources	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR REQUISITE:								
		COURSE DESC:		Explores global water use, scarcity, quality, and supply in the context of international development, climate change and land use.								
GVS	GVS	ES	5831	Environmental Sustainability Assessment	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		An introduction to sustainability assessment theory with special reference to application. Students analyze sustainability planning efforts, contextualize and write up results, measure impacts, and learn the process to complete an assessment.								
GVS	GVS	ES	6801	Preparing for Environmental Leadership Practicum	Seminar	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	6920	Environmental Leadership Practicum	Practicum	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: Permission required								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	ES	6930	Independent Study in Environmental Studies	Ind Study	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	Lecture	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.								
GVS	GVS	LPA	4020	Advanced Research Methods in Leadership and Public Affairs	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	4860	Public Budgeting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2000								
				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	LPA	4870	Financial Management in Government	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2000								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR								
				Specific course content will vary with offering.								
GVS	GVS	LPA	4910	Strategy and Organization Consulting	Internship	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
				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	Practicum	1 to 9	999		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: Permission required								
				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 Study	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required								
				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	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	5660	Theories and Practices in Collaboration	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				This seminar focuses on theories and practices in collaboration.								
GVS	GVS	LPA	5840	Entrepreneurial Consulting for Public and Non-Profit Organizations	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR								
				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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	5850	Technology Transfer and Commercialization	Seminar	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	5590	Measuring Outcomes in Public and Non-Profit Organizations	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	MPA	5650	Implementation Science; Using Science in Practice	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPA 6010 or POLS 601 CR, PR								
		COURSE DESC:		Establish the complex components necessary to achieve high-quality, long-term outcomes for recipients of human services. This course looks at the science of implementation and what is required to implement evidence-based practices. An overview of the relevant implementation factors and processes necessary to transmit innovative programs and practices to mental health, social services, juvenile justice, education, early childhood education, employment services, and substance abuse prevention and treatment.								
GVS	GVS	MPA	5660	Strategic Communication and Outreach for Non-Profit Management	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A communications plan is an important part of an organization's daily operation. Additionally, for public and nonprofit organizations in particular, the activities in the plan should support overall communications goals in ways that help raise money, create change, recruit talent, and promote mission-related goals and objectives. As a living document, it frames the way both internal and external audiences perceive the organization; and since many nonprofits have limited staff and financial resources available for communications activities, it is even more important that these resources be deployed as strategically as possible. This course offers an overview of communications concepts and media activities in ways that will help students develop a strategic communication plan focused on emphasizing a commitment to organizational mission; building trust among internal and external audiences; clarifying organizational priorities; and generating public value.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	5680	Nonprofit Financial Management and Resource Development	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	MPA	5710	Social Entrepreneurship	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	MPA	5720	Strategy and Organization Consulting	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	MPA	5810	Public Private Partnerships	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	MPA	5820	Human Behavior as Rational Action	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	MPA	5830	Data Analytics for Public and Non-profit Managers	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	5870	Financial Management in Government	Lecture	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	Lecture	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	Lecture	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	Seminar	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	Seminar	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 is designed to introduce students to think systematically 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.								
GVS	GVS	MPA	6010	Research Methods in Leadership and Public Affairs	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Introduce students to the basic principles underlying social science research in the context of public affairs.								
GVS	GVS	MPA	6020	Advanced Research Methods in Leadership and Public Affairs	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPA 6010 or POLS 601								
		COURSE DESC:		Builds upon MPA 6010 by providing students with a firm grasp of the basic statistical tools and techniques necessary for program evaluation and policy analysis.								
GVS	GVS	MPA	6030	Qualitative Research Methods in Public Administration	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPA 6010 or POLS 601								
		COURSE DESC:		An introduction to the principles, methodologies, and methods of qualitative research. The course will examine the role of qualitative research in the field of public administration (and allied fields) as well as the relationship between qualitative and quantitative methodologies. The course will provide students the opportunity to examine and practice approaches and methodologies utilized by qualitative researchers such as: interviewing, ethnography, participant observation, case studies, discourse analysis, and content analysis. Through readings, discussions, and practice, students will be able analyze the comparative strengths and liabilities of each method. The course will provide students with the knowledge and skills needed to select qualitative methodologies and methods that are appropriate given the research question at hand.								
GVS	GVS	MPA	6200	Foundations of Public Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An examination of the fundamental concepts and issues in the field of public administration.								
GVS	GVS	MPA	6800	Strategic Leadership and Public Value	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar content varies; underlying focus is on the creation of public value.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	MPA	6900	Special Topics in Public Affairs	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Course content will be dependent on the student need and applied experiences								
GVS	GVS	MPA	6910	Public Affairs Internship	Internship	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		Provides graduate students with credit for internships related to public affairs.								
GVS	GVS	MPA	6930	Independent Study in Leadership and Public Affairs	Ind Study	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	Thesis	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
SORTED BY College, Department/School, Prefix**

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AHSW	2970T	Translational Health - Applied Health Tutorial	Tutorial	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	Tutorial	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	Tutorial	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	Tutorial	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	Tutorial	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	Tutorial	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	Seminar	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Research and recent developments in food and nutrition sciences for honors students.								
HSP	AHSW	AHSW	4945H	Readings in Honors for Food and Nutrition Sciences	Research	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		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	Research	1 to 4	12	BLD	N	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 in food and nutrition sciences.								
HSP	AHSW	AHSW	4947H	Honors Thesis in Food and Nutrition Sciences	Research	2 to 5	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Completion, oral defense, and presentation of honors thesis in food and nutrition sciences.								
HSP	AHSW	AHSW	4970T	Translational Health - Applied Health Tutorial Senior Thesis	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		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	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		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	Lecture	3	0	2AS	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 and scientific principles related to illness and injury.								
HSP	AHSW	AT	1002	Orthopedic Clinical Skills in Sports Medicine	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better AT 1001								
		COURSE DESC:		Introduction to patient-based skills including but not limited to: the physical examination process, palpation, joint range of motion measurement, and ambulatory devices.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	1002	Orthopedic Clinical Skills in Sports Medicine	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better AT 1001								
				Introduction to patient-based skills including but not limited to: the physical examination process, palpation, joint range of motion measurement, and ambulatory devices.								
HSP	AHSW	AT	1150	Emergency Care in Athletic Training	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 1001								
				Advanced course in emergency care designed for athletic training pre-majors. Hands on experience allows realization of proper emergency care. Experience is reinforced with comprehension of related best practices, policies, procedures and their application.								
HSP	AHSW	AT	1150	Emergency Care in Athletic Training	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 1001								
				Advanced course in emergency care designed for athletic training pre-majors. Hands on experience allows realization of proper emergency care. Experience is reinforced with comprehension of related best practices, policies, procedures and their application.								
HSP	AHSW	AT	2100	Lower Extremity Examination	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 1150 or AT 165								
				Using the principles of evidence-based practice, students study the pathology, etiology, and diagnostic principles of common musculoskeletal disorders of the lower extremity, torso, pelvis, and lumbar spine.								
HSP	AHSW	AT	2101	Lower Extremity Examination Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 1150 or AT 165								
				Provides students with hands-on experience that prepares them to perform diagnostic orthopedic assessment techniques. Students take medical histories; palpate bony and soft structures; perform range of motion, neurological and circulatory tests; and perform orthopedic special tests for the lower extremities and lumbar spine.								
HSP	AHSW	AT	2102	Lower Extremity Examination Gross Anatomy Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 1150 and (2100 concurrent)								
				A companion laboratory to AT2100. A regional approach to the appreciation of lower extremity and lumbosacral spine cadaver anatomy will be augmented with neurological and radiographic study.								
HSP	AHSW	AT	2150	Upper Extremity Examination	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 2100								
				Using the principles of evidence-based practice, students study the pathology, etiology, and diagnostic principles of common musculoskeletal disorders of the upper extremity, head, cervical and thoracic spine, and abdomen.								
HSP	AHSW	AT	2151	Upper Extremity Examination Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 2100 and 2101 and 2102								
				Provides students with hands-on experience that prepares them to perform diagnostic orthopedic examination techniques. Students take medical histories; palpate bony and soft structures; perform range of motion, neurological and circulatory tests; and perform orthopedic special tests for the upper extremity, head, cervical and thoracic spine, and abdomen.								
HSP	AHSW	AT	2152	Upper Extremity Examination Gross Anatomy Lab	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 2100 and (2150 concurrent)								
				A companion laboratory to AT 2150. A regional approach to the appreciation of upper extremity, head, cervical and thoracic spine, and abdomen cadaver anatomy will be augmented with neurological and radiographic study.								
HSP	AHSW	AT	2200	Therapeutic Modalities	Lecture	3	0		N	U30		0
		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.								
HSP	AHSW	AT	2201	Therapeutic Modalities Lab	Laboratory	1	0		N	U30		0
		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.								
HSP	AHSW	AT	2300	Therapeutic Exercise	Lecture	3	0		N	U30		0
		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.								
HSP	AHSW	AT	2301	Therapeutic Exercise Lab	Laboratory	1	0		N	U30		0
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	2690	Health and Injury in Performing Artists	Lecture	3	0	2AS; ANW	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	2900	Special Topics in Athletic Training	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE:								
				COURSE DESC: CR Specific course content will vary with offering.								
HSP	AHSW	AT	2920	Introduction to Athletic Training Clinical Experiences	Practicum	1	2	BLD	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Provides direct observation and discussion of athletic training evaluation and interventions in athletic training facilities for undergraduate students considering athletic training as a career.								
HSP	AHSW	AT	2921	Practicum in Athletic Training I	Practicum	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 1002								
				COURSE DESC: 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.								
HSP	AHSW	AT	2922	Practicum in Athletic Training II	Practicum	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 2921								
				COURSE DESC: 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 an actual patients. Emphasis is placed on clinical decision-making.								
HSP	AHSW	AT	3001	Clinical Skills in Sports Medicine	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 1001 and EXPH 2280								
				COURSE DESC: Introduction to patient care skills for students pursuing a career in sports medicine, including, but not limited to: physical examination process, emergency care, use of prophylactic taping and bracing techniques, palpation, and range of motion testing.								
HSP	AHSW	AT	3100	Orthopedic Appliances	Laboratory	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 2150 and 2922								
				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	3100	Orthopedic Appliances	Lecture	2	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 2150 and 2922								
				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	3200	Dispositions of Medical Conditions	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: AT 2150 and 2300								
				COURSE DESC: 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.								
HSP	AHSW	AT	3300	Evidence-Based Practice in Athletic Training	Lecture	2	0		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: AT 2100								
				COURSE DESC: PR 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	3693	Musculoskeletal Movement in Performing Arts	Lecture	3	0	2AS; BSL	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	Practicum	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	Practicum	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	4500	Athletic Training Administration	Lecture	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	Laboratory	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	Lecture	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
HSP	AHSW	AT	4910	Clinical Internship in Athletic Training	Internship	9 to 18	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	AT 3300 and (3922 or 380C)						
		COURSE DESC:		CR, PR 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	Practicum	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 Study	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Independent study related to the science and practice of athletic training.								
HSP	AHSW	AT	4935	Special Problems in Athletic Training	Ind Study	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR 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	5000	Therapeutic Interventions	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		Describes the basic principles of therapeutic modalities, therapeutic exercise, and manual therapies that serve as the foundation for Clinical Integration courses. Topics include passive agents such as therapeutic heat and cold, electrical stimulation, therapeutic ultrasound, therapeutic exercise, and soft tissue mobilization techniques. The basis of a rehabilitation program is discussed.								
HSP	AHSW	AT	5000	Therapeutic Interventions	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		Describes the basic principles of therapeutic modalities, therapeutic exercise, and manual therapies that serve as the foundation for Clinical Integration courses. Topics include passive agents such as therapeutic heat and cold, electrical stimulation, therapeutic ultrasound, therapeutic exercise, and soft tissue mobilization techniques. The basis of a rehabilitation program is discussed.								
HSP	AHSW	AT	5010	Diagnosis and Care of Lower Extremity Pathologies	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the lower extremity and pelvis.								
HSP	AHSW	AT	5010	Diagnosis and Care of Lower Extremity Pathologies	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the lower extremity and pelvis.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	5011	Lower Extremity Gross Anatomy	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Admission to MSAT Program								
				This course provides a regional approach to the appreciation of lower extremity and lumbosacral spine cadaver anatomy augmented with neurological and radiographic study. This course is a companion laboratory to AT 5010 Diagnosis and Care of Lower Extremity Pathologies.								
HSP	AHSW	AT	5030	Evidence-Based Practice in Athletic Training	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Admission to MSAT Program								
				Emphasizes the integration of the current research evidence, clinical expertise, and patient values to make sound clinical decisions. This course covers the foundational concepts of evidence based practice including defining a clinically relevant question, searching for current evidence, critically appraising the evidence, applying the evidence, and evaluating the performance of evidence based practice.								
HSP	AHSW	AT	5100	Orthopedic Appliances	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5110 or Masters of Science in Athletic Training (MS8130)								
				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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5110 or Masters of Science in Athletic Training (MS8130)								
				Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.								
HSP	AHSW	AT	5110	Diagnosis and Care of Upper Extremity Pathologies	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5010								
				Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the upper extremity.								
HSP	AHSW	AT	5110	Diagnosis and Care of Upper Extremity Pathologies	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5010								
				Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the upper extremity.								
HSP	AHSW	AT	5111	Upper Extremity Gross Anatomy	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5010								
				This course provides a regional approach to the appreciation of upper extremity, thoracic, and cervical spine cadaver anatomy augmented with neurological and radiographic study. This course is a companion laboratory to AT 5110 Diagnosis and Care of Upper Extremity Pathologies.								
HSP	AHSW	AT	5130	Diagnosis and Care of Head and Cervical Spine Pathologies	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5010								
				Introduces diagnostic techniques, immediate management, and appropriate medical and therapeutic interventions for head and cervical spine injuries. Topics include concussions, intracranial hemorrhage, skull fracture, eye trauma, and injuries to the nose, face, and ear.								
HSP	AHSW	AT	5140	Medical Conditions in Athletic Training	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Admission to MSAT Program								
				Introduces common medical conditions that are seen in the physically active population with an emphasis on referral flags and disqualifying conditions. Laboratory sessions focus on developing skills used during a general medical examination, including physiological measurements and examination instruments.								
HSP	AHSW	AT	5140	Medical Conditions in Athletic Training	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Admission to MSAT Program								
				Introduces common medical conditions that are seen in the physically active population with an emphasis on referral flags and disqualifying conditions. Laboratory sessions focus on developing skills used during a general medical examination, including physiological measurements and examination instruments.								
HSP	AHSW	AT	5150	Clinical Reasoning 1	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5010								
				Develops the students' clinical reasoning skills concerning the lower extremity.								
HSP	AHSW	AT	5180	Instructional Experience	Laboratory	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: Permission required								
		COURSE DESC:		CR, PR								
				Provides the student with opportunities to provide teaching assistance to undergraduate students in the classroom and laboratory.								
HSP	AHSW	AT	5230	The Spine and Posture	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: AT 5130								
				Application of principles of evidence-based practice to the study of pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the spine.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	5240	Administration of Athletic Training	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5130								
		COURSE DESC:		Examines the various issues, policies, and procedures involved with the implementation, management, and administration of athletic training. Includes an 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.								
HSP	AHSW	AT	5250	Clinical Reasoning 2	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5150								
		COURSE DESC:		Develops the students' clinical reasoning skills concerning the upper extremity.								
HSP	AHSW	AT	5300	Manual Therapy in Rehabilitation	Laboratory	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	Lecture	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	5310	Pharmacology in Athletic Training	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5140								
		COURSE DESC:		Discussion of pharmacology and its implication in athletic training is the focus. Emphasis is on drug classifications and drug mechanisms of action.								
HSP	AHSW	AT	5330	Clinical Reasoning 3	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5250								
		COURSE DESC:		Develops the students' clinical reasoning skills concerning the spine.								
HSP	AHSW	AT	5340	Clinical Research in Athletic Training	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5923								
		COURSE DESC:		Develops skills for executing research and scientific writing through a capstone project on athletic training.								
HSP	AHSW	AT	5341	Clinical Research in Athletic Training I	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PT 7400								
		COURSE DESC:		Develops skills for executing research and scientific writing through a capstone project on athletic training. Emphasizes the fundamentals of research questions, research design, the writing process, and digital reference managers.								
HSP	AHSW	AT	5342	Clinical Research in Athletic Training II	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5340								
		COURSE DESC:		Develops skills for executing research and scientific writing through a capstone project on athletic training. Emphasizes writing of a journal-ready manuscript and preparation of oral and poster presentations.								
HSP	AHSW	AT	5790	Wellness for Performing Artists	Lecture	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	Lecture	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	5910	Clinical Immersion	Internship	6	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AT 5010 and 5110 and 5922								
		COURSE DESC:		PR Immersive clinical education internship conducted under the direct supervision of a clinical preceptor.								
HSP	AHSW	AT	5921	Athletic Training Practicum 1	Practicum	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to MSAT Program								
		COURSE DESC:		Students will learn how to evaluate and manage patients with acute conditions. Students will apply knowledge and skills obtained in the classroom to patient care under the direct supervision of a clinical preceptor. Focus will be on triaging medical conditions that are emergent and environmental conditions that are life threatening.								
HSP	AHSW	AT	5922	Athletic Training Practicum 2	Practicum	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5921								
		COURSE DESC:		Application of knowledge and skills obtained in the classroom to patient care under the direct supervision of a clinical preceptor. Emphasizes clinical decision-making of the lower extremity and acute general medical conditions.								
HSP	AHSW	AT	5923	Athletic Training Practicum 3	Practicum	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5922								
		COURSE DESC:		Application of knowledge and skills obtained in the classroom to patient care under the direct supervision of a clinical preceptor. Emphasis on interprofessional collaboration.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	5924	Athletic Training Practicum 4	Practicum	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 5923								
		COURSE DESC:		Application of knowledge and skills obtained in the classroom to patient care under the direct supervision of a clinical preceptor. Emphasis on interprofessional collaboration and board of certification examination preparation.								
HSP	AHSW	AT	6080	Care and Prevention of Athletic-Related Injuries	Lecture	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	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major								
		COURSE DESC:		CR, PR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major								
		COURSE DESC:		CR, PR 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	Lecture	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.								
HSP	AHSW	AT	6120	Leadership and Professionalism in Athletic Training	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Emphasizes the critical evaluation and discussion of leadership strategies and administrative activities central to athletic training practice, including the development of emotional intelligence; the analysis of data to inform practice and establish value of services; and the engagement in professional service.								
HSP	AHSW	AT	6160	Patient-Oriented Outcomes in Athletic Training	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Emphasizes the athletic trainer's ability to use clinician-based and patient-based clinical outcome measures to determine effective clinical services through the practice of patient-centered, whole-person healthcare. This course builds on the basic components of clinical outcomes assessment by providing advanced content related to clinician- and patient-oriented outcomes.								
HSP	AHSW	AT	6200	Advanced Theory in Therapeutic Modalities	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
		COURSE DESC:		CR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
		COURSE DESC:		CR 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	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major or Athletic Training Residency								
		COURSE DESC:		CR Provides 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major or Athletic Training Residency								
		COURSE DESC:		CR Provides 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	6220	Athletic Training Research I	Lecture	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	6222	Statistics for Advanced Athletic Training Practice I	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
			COURSE DESC:	Covers fundamental statistical techniques and data analytical approaches related to research methods in the health sciences. Knowledge from this course will assist the student in completing the capstone project relevant to their track.								
HSP	AHSW	AT	6310	Neuromechanics of Sports Injury Rehabilitation	Laboratory	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	Lecture	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	6320	Athletic Training Research II	Lecture	3	6		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: AT 6220 or AT 671								
			COURSE DESC:	The second course in the research series. Focus on final stages of the student's research project: American Medical Association (AMA) manuscript formatting style, journal submission policies, and the fundamentals of oral, poster, and written research presentations.								
HSP	AHSW	AT	6322	Statistics for Advanced Athletic Training Practice II	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: AT 6222								
			COURSE DESC:	Covers multivariate statistical techniques and data analytical procedures that are commonly used in healthcare.								
HSP	AHSW	AT	6350	Sport Injury Risk Assessment	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
			COURSE DESC:	This course examines the role of risk assessment in screening and prevention of injury as related to advanced athletic training practice. Topics include the analysis of data to investigate and describe the determinants and distribution of injury, disability, and health outcomes.								
HSP	AHSW	AT	6360	Psychosocial Issues in Athletic Training	Lecture	2	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
			COURSE DESC:	Psychosocial theories relevant to the physically active patient are explored. Associated psychological disorders, coping mechanisms, treatment options, and referral strategies designed to improve mental health are evaluated.								
HSP	AHSW	AT	6400	Evidence-Based Care in Athletic Training I	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
			COURSE DESC:	Focuses on an integrative, data driven, and patient-centered approach to the prevention, evaluation, and treatment of head, neck, and upper extremity injuries.								
HSP	AHSW	AT	6410	Evidence-Based Care in Athletic Training II	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: AT 6400								
			COURSE DESC:	Focuses on an integrative approach to the prevention, evaluation, and treatment of lower extremity, lumbar and sacral spine injuries.								
HSP	AHSW	AT	6560	Healthcare of the Performing Artist	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE:								
			COURSE DESC:	Provides knowledge necessary for the effective delivery of healthcare services to performing artists, including injury care, injury risk assessment, and specialized topics pertinent to the arts environment. Incorporates content related to dance, music, theater, and entertainment.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	6900	Special Topics in Athletic Training	Lecture	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	Practicum	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Master of Science in Athletic Training Major								
		COURSE DESC:		Guided work experience in various aspects of administration and operation of athletic training facilities.								
HSP	AHSW	AT	6930	Special Problems	Ind Study	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Research	2	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Thesis	1 to 6	36		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		MS in Athletic Training thesis credit. Content varies.								
HSP	AHSW	EXPH	1001	Lifetime Fitness	Laboratory	2	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Non-Exercise Physiology (BS8122) and Non-Pre-Exercise Physiology (ND8839) majors								
		COURSE DESC:		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	Lecture	2	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Non-Exercise Physiology (BS8122) and Non-Pre-Exercise Physiology (ND8839) majors								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		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	1600	Foundations in Muscular Fitness	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Exercise Physiology Major or EXPH 1490 (concurrent or completed with a "C" or better)								
		COURSE DESC:		Introduces foundational knowledge for improving muscular fitness through evidence-based methods. Hands-on experiences to develop a better command of physical and field specific skills in strength, conditioning, and exercise physiology.								
HSP	AHSW	EXPH	1600	Foundations in Muscular Fitness	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Exercise Physiology Major or EXPH 1490 (concurrent or completed with a "C" or better)								
		COURSE DESC:		Introduces foundational knowledge for improving muscular fitness through evidence-based methods. Hands-on experiences to develop a better command of physical and field specific skills in strength, conditioning, and exercise physiology.								
HSP	AHSW	EXPH	2200	Applied Kinesiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in EXPH 1490 and WARNING: No credit for this course if taken after the following: EXPH 3020								
		COURSE DESC:		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	Laboratory	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	2290	Exercise Testing and Prescription	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AT 1002 or EXPH 1490								
		COURSE DESC:		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).								
HSP	AHSW	EXPH	2295	Exercise Testing and Prescription Lab	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 2290 or concurrent								
		COURSE DESC:		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).								
HSP	AHSW	EXPH	2590	Physical Fitness	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (EXPH 2290 and 2295) or 2490								
		COURSE DESC:		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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		This course focuses on special or current topics in Exercise Physiology.								
HSP	AHSW	EXPH	2921	Practicum in Exercise Physiology	Practicum	1 to 4	4	BLD	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	First Aid/CPR (BLS) Instructor	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 2280								
		COURSE DESC:		This course will cover The American Heart Association First Aid and The American Heart Association BLS (Basic Life Support) instructors' content.								
HSP	AHSW	EXPH	3280	First Aid/CPR (BLS) Instructor	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 2280								
		COURSE DESC:		This course will cover The American Heart Association First Aid and The American Heart Association BLS (Basic Life Support) instructors' content.								
HSP	AHSW	EXPH	3300	Fitness Facility Standards and Guidelines	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH majors only and (Jr or Sr)								
		COURSE DESC:		Emphasizes the Standards and Guidelines set forth by the two major professional organizations in the field of Exercise Physiology: the American College of Sports Medicine (ACSM) and the National Strength and Conditioning Association (NSCA). Highlights the differences between standards and guidelines and how to utilize them when running facilities. Also delineates the differences between the standards and guidelines of the two organizations.								
HSP	AHSW	EXPH	3930	Independent Study	Ind Study	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	4140	Physiology of Exercise	Lecture	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	Laboratory	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 4150						
		COURSE DESC:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
HSP	AHSW	EXPH	4145	Physiology of Exercise Lab	Lecture	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 4150						
		COURSE DESC:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
HSP	AHSW	EXPH	4160	Resistance Training: Theory and Application	Laboratory	4	0	BSL	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 including oral presentations with verbal and non-verbal delivery techniques and both self- and peer-assessments.								
HSP	AHSW	EXPH	4160	Resistance Training: Theory and Application	Lecture	4	0	BSL	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 including oral presentations with verbal and non-verbal delivery techniques and both self- and peer-assessments.								
HSP	AHSW	EXPH	4170	Clinical Exercise Physiology for Nursing	Lecture	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	Laboratory	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	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 & BIOS 3455 & EXPH 2290 & 2295 or 2490 & (BIOS 4450 or EXPH 4140) & (BIOS 4455 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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 & BIOS 3455 & EXPH 2290 & 2295 or 2490 & (BIOS 4450 or EXPH 4140) & (BIOS 4455 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	Lecture	3	0	3; BDP; CAP	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:		Explores the epidemiology, cultural diversity, and pathophysiology or unique/altered-physiology of clinical populations from diverse backgrounds to gain the appropriate knowledge to prescribe exercise recommendations.								
HSP	AHSW	EXPH	4610	Advanced Topics in Exercise Performance	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((BIOS 4450 and 4460) or (EXPH 4140 and EXPH 4145))						
		COURSE DESC:		Advanced knowledge of topics in the performance of exercise and hands-on experience in administering specialized tests and understanding and developing performance-based training.								
HSP	AHSW	EXPH	4610	Advanced Topics in Exercise Performance	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((BIOS 4450 and 4460) or (EXPH 4140 and EXPH 4145))						
		COURSE DESC:		Advanced knowledge of topics in the performance of exercise and hands-on experience in administering specialized tests and understanding and developing performance-based training.								
HSP	AHSW	EXPH	4620	Pediatric Exercise Physiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((EXPH 2290 and 2295) and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	4620A	Honors Experience: Pediatric Exercise Physiology	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: EXPH 4620 concurrently and Ohio Honors student NC								
		COURSE DESC:		Honors Experience: Pediatric Exercise Physiology								
HSP	AHSW	EXPH	4850	Motor Development	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))								
		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	4910	Internship in Exercise Physiology	Internship	1 to 16	16	BLD	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	Research	1 to 3	3	BLD	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	Lecture	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	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F 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								
		COURSE DESC:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
HSP	AHSW	EXPH	5145	Physiology of Exercise Lab	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F 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								
		COURSE DESC:		The purpose of this laboratory course is to provide the student with an opportunity to obtain hands on experiences in the methodologies and techniques used in studying exercise physiology and to learn skills and to practice many of the techniques used by exercise physiologists.								
HSP	AHSW	EXPH	5160	Resistance Training: Theory and Application	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 5140								
		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 including oral presentations with verbal and non-verbal delivery techniques and both self- and peer-assessments.								
HSP	AHSW	EXPH	5160	Resistance Training: Theory and Application	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EXPH 5140								
		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 including oral presentations with verbal and non-verbal delivery techniques and both self- and peer-assessments.								
HSP	AHSW	EXPH	5170	Clinical Exercise Physiology for Nursing	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		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	5180	First Aid and CPR II	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Recent First Aid, CPR and AED Certification								
		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	5185	Instructional Experience	Laboratory	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	EXPH	5610	Advanced Topics in Exercise Performance	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced knowledge of topics in the performance of exercise and hands-on experience in administering specialized tests and understanding and developing performance-based training.								
HSP	AHSW	EXPH	5610	Advanced Topics in Exercise Performance	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Advanced knowledge of topics in the performance of exercise and hands-on experience in administering specialized tests and understanding and developing performance-based training.								
HSP	AHSW	EXPH	5850	Motor Development	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:	EXPH 5140							
		COURSE DESC:		CR, PR								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	EXPH 5140 and 5150							
				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	Research	1 to 3	3		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, conducting statistical evaluation, and writing the results in publication format.								
HSP	AHSW	EXPH	5999	Exercise Physiology Seminar	Seminar	1	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE:	Permission required							
		COURSE DESC:		PR, F								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE:	Graduate student in the School of Applied Health Sciences and Wellness							
		COURSE DESC:		PR								
				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	6150	Testing and Monitoring in Human Performance	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Explores common practices used in human performance to evaluate physical abilities of athletes and accumulation of and response to physical stress.								
HSP	AHSW	EXPH	6160	Advanced Resistance Training	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE:	EXPH 6560 and 6570							
		COURSE DESC:		PR								
				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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	(BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent							
				Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programming. 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	(BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent							
				Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programming. 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	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	EXPH 6170 and 6920 concurrent							
				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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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 COURSE DESC: 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.	Seminar	2	0		N	G40		0
HSP	AHSW	EXPH	6520	Advanced Laboratory Techniques in Exercise Physiology GEC1: A-F REQUISITE: EXPH 6170 COURSE DESC: 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.	Laboratory	3	0		N	G40		0
HSP	AHSW	EXPH	6520	Advanced Laboratory Techniques in Exercise Physiology GEC1: A-F REQUISITE: EXPH 6170 COURSE DESC: 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.	Lecture	3	0		N	G40		0
HSP	AHSW	EXPH	6560	Advanced Physiology of Exercise GEC1: A-F REQUISITE: EXPH 5140 and 5150 COURSE DESC: This course will explore the physiological and metabolic factors that limit human function and performance.	Lecture	3	0		N	G40		0
HSP	AHSW	EXPH	6570	Advanced Physiology of Exercise Laboratory GEC1: A-F REQUISITE: EXPH 6560 or concurrent COURSE DESC: This course focuses on advanced laboratory techniques and methods in exercise physiology.	Laboratory	1	0		N	G40		0
HSP	AHSW	EXPH	6600	Advanced Biomechanics GEC2: A-F, REQUISITE: EXPH 5140 and 5150 PR COURSE DESC: 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.	Laboratory	3	0		N	G40		0
HSP	AHSW	EXPH	6600	Advanced Biomechanics GEC2: A-F, REQUISITE: EXPH 5140 and 5150 PR COURSE DESC: 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.	Lecture	3	0		N	G40		0
HSP	AHSW	EXPH	6900	Special Topics in Exercise Physiology GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
HSP	AHSW	EXPH	6910	Internship in Physiology of Exercise GEC5: CR, REQUISITE: Physiology of exercise major PR, F COURSE DESC: 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.	Internship	1 to 16	16		N	G40		0
HSP	AHSW	EXPH	6920	Practicum GEC5: CR, REQUISITE: Permission required PR, F COURSE DESC: Supervised work experience in various clinical or sports performance work sites.	Practicum	1 to 3	18		I	G40		0
HSP	AHSW	EXPH	6931	Independent Study GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Selected areas of study with written report based on research.	Ind Study	1 to 3	6		I	G40		0
HSP	AHSW	EXPH	6950	Thesis GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Library and laboratory work towards the completion of a research (thesis) project.	Thesis	.5 to 12	96		I	G40		0

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

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HSP	AHSW	NUTR	1000	Introduction to Nutrition	Lecture	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	Lecture	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	1200	Science of Cooking	Laboratory	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An experiential and hands-on introduction to the basic scientific principles underpinning cooking and food preparation methods, the physiology of taste and flavor, and the chemical and physical changes that occur in foods during food preparation and cooking.								
HSP	AHSW	NUTR	1200	Science of Cooking	Lecture	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An experiential and hands-on introduction to the basic scientific principles underpinning cooking and food preparation methods, the physiology of taste and flavor, and the chemical and physical changes that occur in foods during food preparation and cooking.								
HSP	AHSW	NUTR	1500	Personal Nutrition for Active Individuals	Lecture	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	Lecture	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	Lecture	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	Recitation	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	Laboratory	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	2200	Science of Food I	Lecture	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	Laboratory	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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HSP	AHSW	NUTR	2250	Principles of Food Science	Laboratory	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	Lecture	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	Lecture	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	2920	Food Production Practicum	Practicum	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 1100 and RHT 2990								
		COURSE DESC:		Emphasizes application of knowledge in different areas of a large scale food production environment. Through first-hand experience, case study work, and professional mentorship, the student gain an understanding of the scope of a large scale food production environment.								
HSP	AHSW	NUTR	2990	Professional Development in Food and Nutrition Sciences	Lecture	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	Lecture	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 macronutrients 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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Laboratory	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	Lecture	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	Lecture	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.								

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COURSE LISTING
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HSP	AHSW	NUTR	3909	Food and Nutrition Sciences Study Tour	Seminar	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	Practicum	1 to 4	4	BLD	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	Practicum	4	20	BLD	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	Lecture	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.								
HSP	AHSW	NUTR	4050	Advanced Nutrition	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3000 and C or better in CHEM 3010								
		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	4100	Medical Nutrition Therapy II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 3100 and (BIOS 1310 or 3450))								
		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	4200	Experimental Foods	Laboratory	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ((NUTR 2250 and 3000) and (NUTR 3100 or 3350) and PSY 2110)								
		COURSE DESC:		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	Lecture	4	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in ((NUTR 2250 and 3000) and (NUTR 3100 or 3350) and PSY 2110)								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010 and C or better in NUTR 1000 and (Jr or Sr)								
		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	4300	Whole Foods for Wellness Promotion	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Explores the impact of whole food and food components on the wellness of individuals.								
HSP	AHSW	NUTR	4320	Diabetes From Bench to Bedside	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		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	4400	Research Design and Methods in Food and Nutrition Sciences	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 3000 and PSY 2110								
		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	4900	Special Topics in Nutrition	Lecture	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	4901	Food and Nutrition Sciences Senior Seminar	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 3000 and Sr only								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Seminar	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	Seminar	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	Seminar	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	Seminar	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	Practicum	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 3100 and 3600								
		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 Study	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 Study	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	Research	1 to 3	9	BLD	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.								
HSP	AHSW	NUTR	4960	Trends in Diabetes	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 4320								
		COURSE DESC:		Latest research trends and clinical management of diabetes.								
HSP	AHSW	NUTR	4970	Seminar in Environmental Nutrition	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (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)								
		COURSE DESC:		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	Lecture	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	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in NUTR 5080; satisfactory coursework in organic chemistry								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of the macronutrients 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	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	5105	Medical Nutrition Therapy II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE:	Admission to the Ohio University Physician Assistant Program							
				PR								
		COURSE DESC:		Provides foundational content on human nutrition and alterations of physiology and biochemistry that occur during selected disease states that affect nutritional requirements and includes modalities of providing nutritional support to patients with selected disease states.								
HSP	AHSW	NUTR	5500	Contemporary School Nutrition	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	5901	Food and Nutrition Sciences Senior Seminar	Seminar	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	Seminar	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	Seminar	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Special workshops on topics related to institutional and School Nutrition management.								
HSP	AHSW	NUTR	5904	Seminar in Food and Nutrition Sciences	Lecture	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	Lecture	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	Seminar	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	Practicum	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			C or better in (NUTR 3600 or 5600) and (3100 or 5100)				
		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	5921	Food and Nutrition Sciences Field Experience	Practicum	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 Study	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Independent advanced study under direction of faculty member in food and nutrition sciences.								
HSP	AHSW	NUTR	5932	Independent Study in Diabetes	Ind Study	3 to 8	16		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			Permission required				
		COURSE DESC:		Science, clinical, or educational experience related to diabetes.								
HSP	AHSW	NUTR	5947	Studies in Food, Nutrition, and Applied Nutrition	Tutorial	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	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			Permission required				
		COURSE DESC:		Latest research trends and clinical management of diabetes.								
HSP	AHSW	NUTR	6200	Advanced Food Science	Lecture	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	Tutorial	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.								

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HSP	AHSW	NUTR	6500	Translational Applications to Diet and Chronic Disease	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The examination of interdisciplinary relationships between food, nutrition, environment, and lifestyle behaviors using translational research findings that improve chronic disease outcomes.								
HSP	AHSW	NUTR	6510	Functional Foods and Nutraceuticals	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course examines functional foods, nutraceuticals, and dietary supplements used to prevent and treat chronic and infectious diseases. Emphasizes sources and mechanisms of action of dietary bioactives. Addresses regulatory issues that govern the development and commercialization of these compounds.								
HSP	AHSW	NUTR	6520	Food Biotechnology	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Applications of microbiology, genetic engineering and biotechnology to the production of food and food ingredients. Application of biotechnology to the production of genetically engineered foods and functional foods from microbes, plants and animals is discussed in detail. Ethical and security risks associated with food biotechnology are debated.								
HSP	AHSW	NUTR	6530	Gut Microbiome in Nutrition and Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Explores the role of the gut microbiota in nutrition and disease to help guide dietary health recommendations and interventions.								
HSP	AHSW	NUTR	6540	Pediatric Nutrition	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Explores topics in pediatric nutrition with emphasis on nutrition care of children with special health care needs.								
HSP	AHSW	NUTR	6550	Nutrition Trends for the Aging Population	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores nutrition trends in the aging population. Health issues and nutritional needs of older adults are explored from a public health perspective.								
HSP	AHSW	NUTR	6600	Nutrition for Sports and Fitness	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.								
HSP	AHSW	NUTR	6700	Advanced Nutrition Applications	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 6910 concurrent								
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NUTR 6910 concurrent								
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	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	Seminar	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	Field	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Enrolled in the MS6473 program								
		COURSE DESC:		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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	NUTR	6940	Research in Food and Nutrition Sciences	Research	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Independent investigation of a topic in food and nutrition sciences.								
HSP	AHSW	NUTR	6950	Thesis in Food and Nutrition Sciences	Thesis	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Thesis in food and nutrition sciences. Permission required.								
HSP	AHSW	T3	4310	Thomas Jefferson: Gardener and Gastronomer	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	HSP	HSP	2020C	Introduction to Health and Lifestyle Choices	Lecture	3	0	2AS; BLD	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	HTCH	1000	Principles of Health Technology	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		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.								
HSP	IHS	HTCH	1040	Law and Ethics in Health Professions & Technology	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
HSP	IHS	HTCH	2000	Topics in Health Technology	Lecture	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.								
HSP	IHS	HTCH	2000	Topics in Health Technology	Practicum	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.								
HSP	IHS	HTCH	2900	Special Topics in Health Technology	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
HSP	IHS	IHS	1020	Health Careers Opportunities Skill Enrichment	Seminar	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Fr only								
		COURSE DESC:		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	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Fr or Soph and (Warning: Not IHS 1200)								
		COURSE DESC:		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	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Fr or Soph) and WARNING: No credit if taken after 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	Lecture	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	Lecture	3	0	2CP; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course introduces 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 and the U.S., both in urban and rural areas, students working in a variety of professions 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	Lecture	3	0	2CP; FIE; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides a broad overview of global patterns of disease and the factors that influence health. Students examine how culture shapes health behavior, health intervention and health policy. Students learn about different health systems and regional health indicators. Students evaluate the role of culture in health intervention through a variety of case examples from different countries. In doing so, the course exposes students to issues relating to social, cultural, and environmental determinants of health.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	2215	Medical Humanities: Global Health and Literature	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				In this course students study literature with the aim of better understanding global health and gain insight into the use of narrative medicine. The course includes analysis of literary works, journal articles, essays, and the use of different forms of writing to explore students' own and other perspectives on issues including the determinants of health, health equity and the relationships between gender, culture, migration, and health. In addition, students, review literature and articles to explore the use of narratives and metaphor (the medical humanities) in understanding the patient and practitioner experience as it relates to the global topics of the stigma of illness, death and dying.								
HSP	IHS	IHS	2220	Cultural Competency in Interprofessional Health Care	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	2235	Cross Cultural Issues in Tropical Diseases	Lecture	3	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty 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 artist and audience. This course makes the connections between the fine arts, in this case film and theater, and health sciences.								
HSP	IHS	IHS	2420	One Health: Intersection of People, Animals and the Environment	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Analyze and assess the interconnectedness between human, animal, and environmental health utilizing an interprofessional approach. Develop an understanding of One Health and its importance at the local, national and global levels and applying 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 while effectively addressing risks affecting humans and animals. This course satisfies the College of Health Sciences and Professions interprofessional education requirement								
HSP	IHS	IHS	2820	Interprofessional Healthcare Through Creative Arts	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course utilizes the creativity of fine arts, as a vehicle, in the processing of complex social interactions that can occur in a healthcare setting with a focus on interprofessional competencies. This course represents a unique collaboration between the Colleges of Fine Arts and Health Sciences and Professions; equipping future health care professionals with effective patient communication skills, an understanding of patient advocacy, increasing self-awareness, and an understanding of one's role and impact on the interprofessional healthcare team. This course meets the Interprofessional Education requirement in the College of Health Sciences and Professions.								
HSP	IHS	IHS	2930	Interprofessionalism in Healthcare	Ind Study	.5 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required								
				CR								
				Students participate in a range of activities designed to increase their knowledge of interprofessional competencies including integrated communication, knowledge and assessment of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the College of Health Sciences and Professions undergraduate interprofessional (IPE) education requirement.								
HSP	IHS	IHS	3010	Spirituality in Healthcare	Lecture	3	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on the connection between spirituality, healing, health sciences and culturally competent health practices. Spirituality is explored from the perspective of a mindful society and from cultural worldwide frameworks.								
HSP	IHS	IHS	3020	Survey of Human Disease	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Jr or Sr								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	3222	Comparative Health Systems	Lecture	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.								
HSP	IHS	IHS	3230	Global Perspectives on Mental Health, Social Inclusion, and Community Participation	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		People with mental health issues are subject to profound levels of social exclusion at a global level. This course examines change in social status as it relates to mental health and processes by which exclusion of this population occurs globally. Issues of exclusion are evaluated using an international focus. Theoretical perspectives are grounded in real life examples and applied through development of public health promotion.								
HSP	IHS	IHS	3240	Overview of Healthcare Advocacy	Lecture	3	0		N	U30		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	3250	Interprofessional Health Promotion	Lecture	3	0		N	U30		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	3403	Female Veterans' Health	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course emphasizes the importance of increasing healthcare provider awareness of unique healthcare challenges female veterans encounter as they seek treatment across various healthcare agencies.								
HSP	IHS	IHS	3520	Research and Evidence-based Practice in Healthcare	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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	3521	Global Health Research and Service	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 2210								
		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	3600	Interpretations of Health and Medicine Through Literature	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Cultural, ethical, and social perspectives and perceptions of illness, healing, caregiving, and medicine as exhibited in both classical and current literature are presented and analyzed.								
HSP	IHS	IHS	3700J	Writing in the Health Sciences and Professions	Lecture	3	0	1J; FAW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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.								
HSP	IHS	IHS	3930	Global Health Capstone Preparation	Ind Study	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F REQUISITE: HSP 3521								
		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).								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	3934	Interprofessional Experiential Learning	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Focuses on active participation and reflection in regards to 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 integrated communication, knowledge and assessment of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the College of Health Sciences and Professions undergraduate interprofessional (IPE) education requirement.								
HSP	IHS	IHS	3934C	Interprofessional Community Experience	Lecture	2	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This service learning course focuses on active participation and reflection regarding 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 integrated communication, knowledge and assessment of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the CHSP undergraduate IPE requirement. This course is designated as a "C" course which means all students enrolled in this course will participate in a minimum of 20 hours of service learning. "Service learning combines mutually beneficial community service with academic instructions, focusing on critical, reflective thinking and personal and civic responsibility." (Campus Compact: compact.org)								
HSP	IHS	IHS	3935	Independent Study: Interdisciplinary Health Studies	Ind Study	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	4200	Foundations of Leadership in Healthcare	Lecture	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	4201	Quality, Safety and Service in Healthcare Leadership	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: IHS 4200 and (Jr or Sr) PR								
		COURSE DESC:		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	4202	Financial Innovation and Growth Strategies in Healthcare	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 4200 and (Jr or Sr)								
		COURSE DESC:		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	4245	Vulnerable Populations in Healthcare	Lecture	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	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Course addresses various forms of abuse including; psychological, physical, verbal, sexual, and substance abuse. Course materials focus on increasing awareness of theories associated with abuse, education leading to prevention and reporting, the ethical decision making required and the implications of reporting suspected cases of abuse in the healthcare setting.								
HSP	IHS	IHS	4303	Secondary data analysis in global health and development	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	4350	The Impact of Social Determinants on Health Outcomes	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Provides students with a broad understanding of how a person's life and health are impacted by social and community context. Students learn to link the social, mental, and physical health of an individual to the larger societal factors with an interdisciplinary mindset by exploring how various sectors approach interventions to mediate the impact of inequality and disparities. Course satisfies the College of Health Sciences and Professions Interprofessional Education requirement.								
HSP	IHS	IHS	4400	Veterans Health: United States Military Culture and History	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Jr or Sr							
				Emphasize the importance of healthcare providers understanding of military culture and history, in order to be effective providers for this population.								
HSP	IHS	IHS	4404	LGBTQ+ Veterans and Healthcare	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Jr or Sr							
				Explores the unique challenges the LGBTQ+ veteran may face navigating the healthcare system.								
HSP	IHS	IHS	4430	Working on an Interprofessional Healthcare Team	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Major in CHSP and Sr							
				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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Sr only							
				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.								
HSP	IHS	IHS	4510	Interprofessional Health Care in Rural/Underserved Populations	Lecture	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Permission required							
				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	4514	Professional and Clinical Ethics for the Health Professions	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Jr or Sr							
				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. Ethics are addressed across the health professions with an emphasis on an interprofessional perspective. Undergraduate course satisfies the College of Health Sciences and Professions interprofessional education requirement.								
HSP	IHS	IHS	4518	Interprofessional Grand Rounds	Seminar	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Permission required							
				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	4710	Health Systems Strengthening in a Global Setting	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	IHS 2210 and HLTH 4200							
				This course introduces different approaches to health systems strengthening in low and middle income countries (LMIC), including monitoring and evaluation, continuous quality improvement, community health workers, health workforce development and research capacity building. A case based approach is used to evaluate the extent to which health systems address health equity in a sustainable manner. Students explore how transdisciplinary research can convert health research to action and policy. The class examines contextual and cultural explorations of different LMIC settings that act as facilitators and/or barriers for high performance in LMIC settings.								
HSP	IHS	IHS	4900	Special Topics in Health Sciences and Professions	Lecture	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Course focuses on a special or current topic in health sciences and professions.								
HSP	IHS	IHS	4910	Global Health Capstone Experience	Internship	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HSP 3930 and BIOS 4440 and (Jr or Sr) and 6 hrs Global Health electives							
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5020	Survey of Human Disease	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				IHS 5200				
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	5220	Graduate Seminar in Appalachian Studies	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course explores a variety of topics related to Appalachia such as social, environmental, and health issues both historical and present, the idea of Appalachia, and the various ways Appalachia has been exploited over the years.								
HSP	IHS	IHS	5222	Comparative Health Systems	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5246	Identifying Abuse in a Healthcare Setting	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Course addresses various forms of abuse including; psychological, physical, verbal, sexual, and substance abuse. Course materials focus on increasing awareness of theories associated with abuse, education leading to prevention and reporting, the ethical decision making required and the implications of reporting suspected cases of abuse in the healthcare setting.								
HSP	IHS	IHS	5250	Interprofessional Health Promotion	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
HSP	IHS	IHS	5301	The Health Policy Making Process	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 5300 and 5301 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	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5350	The Impact of Social Determinants on Health Outcomes	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Provides students with a broad understanding of how a person's life and health are impacted by social and community context. Students learn to link the social, mental, and physical health of an individual to the larger societal factors with an interdisciplinary mindset by exploring how various sectors approach interventions to mediate the impact of inequality and disparities. Course satisfies the College of Health Sciences and Professions Interprofessional Education requirement.								
HSP	IHS	IHS	5400	Veterans Health: United States Military Culture and History	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5403	Female Veterans' Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course emphasizes the importance of increasing healthcare provider awareness of unique healthcare challenges female veterans encounter as they seek treatment across various healthcare agencies.								
HSP	IHS	IHS	5404	LGBTQ+ Veterans and Healthcare	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Explores the unique challenges the LGBTQ+ veteran may face navigating the healthcare system.								
HSP	IHS	IHS	5447	Critical Thinking and Reasoning in Clinical Problem Solving	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
HSP	IHS	IHS	5510	Interprofessional Health Care in Rural/Underserved Populations	Lecture	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Informs health professions students about the application of technology and the management of health information across and among health care professions.								
HSP	IHS	IHS	5514	Professional and Clinical Ethics for the Health Professions	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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. Ethics are addressed across the health professions with an emphasis on an interprofessional perspective. Undergraduate course satisfies the College of Health Sciences and Professions interprofessional education requirement.								
HSP	IHS	IHS	5515	Patient and Family Care and Counseling for the Health Professions	Lecture	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Seminar	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	5520	Research and Evidence-based Practice in Healthcare	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	5710	Health Systems Strengthening in a Global Setting	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210 & HLTH 6010 or MPA 5580						
		COURSE DESC:		This course introduces different approaches to health systems strengthening in low and middle income countries (LMIC), including monitoring and evaluation, continuous quality improvement, community health workers, health workforce development and research capacity building. A case based approach is used to evaluate the extent to which health systems address health equity in a sustainable manner. Students explore how transdisciplinary research can convert health research to action and policy. The class examines contextual and cultural explorations of different LMIC settings that act as facilitators and/or barriers for high performance in LMIC settings.								
HSP	IHS	IHS	5900	Special Topics in Health Sciences and Professions	Lecture	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 Study	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	5932	Global Health Capstone 2	Ind Study	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:	Permission required						
		COURSE DESC:		Focuses on active participation and reflection in regards to 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 integrated communication, knowledge and assessment of roles and responsibilities, teamwork, and ethics. Course credit may be applied to the College of Health Sciences and Professions undergraduate interprofessional (IPE) education requirement.								
HSP	IHS	IHS	5935	Independent Study: Interdisciplinary Health Studies	Ind Study	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	6210	Globalization & Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	6230	Global Reproductive Health: Exploring Culture and Reproduction in a Global World	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course examines reproduction in the context of global health and health care. Students critically evaluate maternal health and reproductive practices across different contexts to understand how culture is shaped and changed by global flows of health and health care. Global interventions for addressing reproductive health issues are explored.								
HSP	IHS	IHS	6280	Integrated Health Studies Capstone	Seminar	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required This course provides students with the opportunity to reflect on and synthesize the knowledge they have obtained throughout the Master of Integrated Health Studies in a way that is both meaningful and relevant to their professional goals. In doing so, students develop an impact project that includes ideas pertaining to interprofessional healthcare and integration of major concepts from core coursework and areas of concentration.								
HSP	IHS	IHS	6301	Perfusion Theory I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduces students to cardiac anatomy and physiology associated with cardiopulmonary bypass.								
HSP	IHS	IHS	6302	Perfusion Circuit	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Acquaints students with the various components included in the perfusion circuit. Emphasis is placed on the performance and limitations of each component in the perfusion circuit.								
HSP	IHS	IHS	6303	Clinical Implementation I	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 6301 and 6302 This course integrates perfusion theory and the components of the perfusion circuit. Emphasis is placed on patient strategies for successful outcomes with routine cardiac procedures.								
HSP	IHS	IHS	6304	Perfusion Theory II	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 6301 This course is a continuation of the topics included in Perfusion Theory I. Emphasis is on autotransfusion, blood components, coagulation, and laboratory analysis.								
HSP	IHS	IHS	6305	Clinical Implementation II	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 6303 This course is a continuation of Clinical Implementation I with a focus on practical application of perfusion theory and the components of the perfusion circuit. Emphasis is placed on patient strategies for successful outcomes with complex cardiac procedures.								
HSP	IHS	IHS	6306	Perfusion Theory III	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 6301 and IHS 6304 A continuation of the topics introduced in Perfusion Theory I and II. Emphasis is placed on pediatrics, unique patient pathologies, and surgical techniques.								
HSP	IHS	IHS	6307	Mechanical Support	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 6301 and 6302 and 6303 and 6305 This course is designed to introduce students to the scientific concepts involved with all types of mechanical circulatory support devices, including extracorporeal membrane oxygenation (ECMO) and ventricular assist devices (VADs).								
HSP	IHS	IHS	6355	Services and Programs for Older Adults	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				An interdisciplinary review of programs and services for older adults, including trends specific to aging services, for individuals currently working in the aging field. Work experience serves as a backdrop for learning about the continuum of program development and the range of services available to older adults, including how the programs and services are funded.								
HSP	IHS	IHS	6356	Caregiving and Coordinated Care for Older Adults	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Emphasizes caregiving and coordinating care for older adults. Identifies current and emerging trends in care coordination and caregiving for the overall wellbeing of older adults, including the roles, needs, and challenges. Encourages immediate application of knowledge to current work situations.								
HSP	IHS	IHS	6523	Technology & Innovations in Global Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				IHS 5210 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	IHS	6801	Health Information Systems and Applications	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Covers types of information systems and functions, networks, telecommunication, and security and provides a framework for the evaluation of those systems.								
HSP	IHS	IHS	6803	Program Planning and Evaluation in Healthcare	Lecture	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	6900	Special Topics in Perfusion	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Covers special topics in the field of cardiovascular perfusion.								
HSP	IHS	IHS	6921	Perfusion Practicum I	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Acquaints students with the operating room environment and heart-lung machine. Emphasis is placed on assemblage of the disposables of the perfusion circuit and preparation of the heart-lung machine in a timely manner.								
HSP	IHS	IHS	6922	Perfusion Practicum II	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6921								
		COURSE DESC:		This course is a continuation of clinical instruction for perfusion students. Emphasis is placed on the management of an open heart surgery case from start to finish.								
HSP	IHS	IHS	6923	Perfusion Practicum III	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6921 and IHS 6922								
		COURSE DESC:		Emphasizes operation of perfusion equipment in routine cardiopulmonary bypass cases and introduces operation of perfusion equipment in complex cases.								
HSP	IHS	IHS	6924	Perfusion Practicum IV	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6921, IHS 6922, and IHS 6923								
		COURSE DESC:		Emphasizes routine and complex cardiopulmonary bypass cases and introduces mechanical circulatory support devices.								
HSP	IHS	IHS	6925	Perfusion Practicum V	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6921, IHS 6922, IHS 6923, and IHS 6924								
		COURSE DESC:		This course is a clinical continuation for perfusion students. Students are expected to manage all case types and finish their cardiopulmonary bypass case requirements for graduation. Students are also expected to demonstrate competency in mechanical circulatory support (left ventricular assist device and extracorporeal membrane oxygenation).								
HSP	IHS	IHS	6931	Masters in Global Health Scholarly Project 1	Ind Study	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: IHS 5210 and 5222								
		COURSE DESC:		PR, F This 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 Study	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: IHS 6931								
		COURSE DESC:		PR, F 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	6940	Perfusion Research Seminar I	Research	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course introduces students to research methods with the aim of improving quality of care in the field of cardiovascular perfusion.								
HSP	IHS	IHS	6941	Perfusion Research Seminar II	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6940								
		COURSE DESC:		This course is a continuation of the research project methodology and project started in Research Seminar I.								
HSP	IHS	IHS	6942	Research Seminar III	Research	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IHS 6940 and IHS 6941								
		COURSE DESC:		This is the final course of the Research Seminar series in which students interpret and present the findings of their research project.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	MAT	1010	Introduction to Medical Assisting	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
HSP	IHS	MAT	1210	Electronic Medical Assisting Technologies	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course will cover the theory and application of skills necessary to electronically navigate through the daily flow of an ambulatory healthcare setting. Students will follow the logical sequence of what occurs from the time the patient registers and schedules an appointment, through to processing the insurance form generated from the patient's visit. The topics covered will include patient demographics and registration, appointment scheduling, meaningful use, patient workup, referrals, billing, and medical coding.								
HSP	IHS	MAT	1210	Electronic Medical Assisting Technologies	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This course will cover the theory and application of skills necessary to electronically navigate through the daily flow of an ambulatory healthcare setting. Students will follow the logical sequence of what occurs from the time the patient registers and schedules an appointment, through to processing the insurance form generated from the patient's visit. The topics covered will include patient demographics and registration, appointment scheduling, meaningful use, patient workup, referrals, billing, and medical coding.								
HSP	IHS	MAT	1400	Medical Terminology for the Medical Assistant	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
HSP	IHS	MAT	1700	Administrative Medical Assisting Techniques I	Laboratory	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and C or better in (MAT 1010 and 1400) 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.								
HSP	IHS	MAT	1700	Administrative Medical Assisting Techniques I	Lecture	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and C or better in (MAT 1010 and 1400) 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.								
HSP	IHS	MAT	2000	Pharmacology and Disease Processes in Medical Assisting	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MAT 1400 and (MATH 1090 or Tier I Math) 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.								
HSP	IHS	MAT	2010	Clinical Medical Assisting Techniques I	Laboratory	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
HSP	IHS	MAT	2010	Clinical Medical Assisting Techniques I	Lecture	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
HSP	IHS	MAT	2020	Clinical Medical Assisting Techniques II	Laboratory	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
HSP	IHS	MAT	2020	Clinical Medical Assisting Techniques II	Lecture	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	MAT	2100	Law and Ethics for Medical Assisting	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((MAT 1010 or 101) and 1700 and 2010) and Sophomore or higher						
		COURSE DESC:		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.								
HSP	IHS	MAT	2300	Administrative Medical Assisting Techniques II	Laboratory	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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.								
HSP	IHS	MAT	2300	Administrative Medical Assisting Techniques II	Lecture	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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.								
HSP	IHS	MAT	2900	Special Topics in Medical Assisting Technology	Seminar	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	C or better in MAT 1010 or 101						
		COURSE DESC:		CR	Special topics current and relevant to the medical assisting field.							
HSP	IHS	MAT	2920	Practicum	Practicum	3	0	BLD	I	U20		0
		ELIGIBLE GRADES:		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						
		COURSE DESC:		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.								
HSP	IHS	MAT	2930	Independent Study	Ind Study	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	MAT 1010 or 101						
		COURSE DESC:		CR	Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	1111	Clinical Judgment I	Seminar	2	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Pre-Nursing major								
				Provides an introduction to the profession of nursing. Topics include the history of the profession, concepts of professional nursing practice, social determinants of health, legal foundations of practice, cultural diversity and competency, healthcare terminology, and basic communication skills. The course also includes an introduction to ethical concepts and theories impacting nursing practice, including personal values and beliefs and ethical reasoning.								
HSP	NRSE	NRSE	2111	Clinical Judgment II	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 1111 and BSN major								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 1111 and BSN major								
				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	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 2111 and 2121								
				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	Clinical	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 2111 and 2121 and 2231								
				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	Laboratory	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 2111 and 2121 and 2231								
				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	Lecture	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 2111 and 2121 and 2231								
				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	Clinical	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 1111 and BSN major								
				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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 1111 and BSN major								
				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	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 2111 and 2121								
				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	2900	Special Topics in Nursing	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				Specific course content will vary with offering.								
HSP	NRSE	NRSE	3111	Clinical Judgment IV	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	3120	Professional Topics: Ethics, Diversity, and Gerontology	Lecture	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	Clinical	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	Laboratory	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	Lecture	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	Clinical	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	Laboratory	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	Lecture	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	3211	Clinical Judgment V	Seminar	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	Clinical	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	Laboratory	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	Lecture	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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	3251A	Honors Experience: Evidence-Based Nursing Practice GEC7: CR, F, NC REQUISITE: NRSE 3251 concurrently and Ohio Honors student OHIO Honors curricular experience in Evidence-Based Nursing Practice.	Ind Study	0	0		N			0
HSP	NRSE	NRSE	3510	Ethical Reasoning in the Health Professions GEC1: A-F REQUISITE: Introduction to ethical concepts and theories impacting clinical practice in healthcare. Students will explore their personal ethical core beliefs and various ethical concepts and apply that knowledge to decision-making situations. Ethical reasoning will center around the ethical issues impacting underserved populations.	Lecture	1	0	BER	N	U30		0
HSP	NRSE	NRSE	3520	Oral Communication in the Healthcare Professions GEC1: A-F REQUISITE: Introduction to speaking and listening concepts impacting future practice in healthcare. Principles of public speaking as well as active and passive verbal communication amongst a healthcare team with an emphasis on communication around social determinants of health through development of healthcare dialect.	Lecture	1	0	BSL	N	U30		0
HSP	NRSE	NRSE	3530	Cultural Diversity and Health Disparity: Diversity and practice GEC1: A-F REQUISITE: Emphasizes understanding of and sensitivity to culturally diverse populations and recognize the potential health disparities experienced within these groups. The course includes the study of cultural groups and their interrelationships relative to health and illness. Human diversity will be identified through a spectrum of race, ethnicity, gender, sexuality, religion, physical ability, and/or social class with an emphasis on the analysis of equity. Students will apply and evaluate approaches or modes of inquiry used to analyze diversity and equity and the social barriers to these goals.	Lecture	1	0	BDP	N	U30		0
HSP	NRSE	NRSE	3540	Poverty and Food Insecurity: A Learning and Doing Course for Health Professionals GEC1: A-F REQUISITE: This course empowers students with the tools necessary to improve health outcomes by addressing factors that contribute to food insecurity. This course introduces the ways in which health and illness are influenced by poverty and food insecurity. Topics will include an overview of social determinants of health conceptual frameworks, food policy in the United States, community strategies to address food insecurity, and a brief introduction to population health tools related to food insecurity. Students are expected to participate in a service experience within their community related to food insecurity.	Lecture	1	0	BLD	N	U30		0
HSP	NRSE	NRSE	3700J	Writing for Nursing and Health Care Professions GEC1: A-F REQUISITE: ENG 1510 and (Jr or Sr) 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.	Lecture	3	0	1J; FAW	N	U30		50
HSP	NRSE	NRSE	4110	Clinical Judgment VI GEC1: A-F REQUISITE: NRSE 3210 and 3230 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.	Lecture	2	0		N	U30		0
HSP	NRSE	NRSE	4121	Management and Leadership in Nursing GEC1: A-F REQUISITE: NRSE 3211 and 3231 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.	Lecture	2	0		N	U30		0
HSP	NRSE	NRSE	4141	Nursing Care of Children and Families GEC1: A-F REQUISITE: NRSE 3211 and 3231 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.	Clinical	6	0		N	U30		0
HSP	NRSE	NRSE	4141	Nursing Care of Children and Families GEC1: A-F REQUISITE: NRSE 3211 and 3231 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.	Laboratory	6	0		N	U30		0
HSP	NRSE	NRSE	4141	Nursing Care of Children and Families GEC1: A-F REQUISITE: NRSE 3211 and 3231 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.	Lecture	6	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4151	Nursing Care of Populations: Family and Community	Clinical	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3211 and 3231								
		COURSE DESC:		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	4151	Nursing Care of Populations: Family and Community	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 3211 and 3231								
		COURSE DESC:		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	4211	Clinical Judgment VI	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4121 and 4141 and 4151								
		COURSE DESC:		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	4211A	Honors Experience: Clinical Judgement VI	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NRSE 4211 concurrently and Ohio Honors student								
		COURSE DESC:		OHIO Honors curricular experience in Clinical Judgment VI								
HSP	NRSE	NRSE	4401	Professional Practice in Nursing	Clinical	8	0	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4121 and 4141 and 4151								
		COURSE DESC:		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	4401	Professional Practice in Nursing	Laboratory	8	0	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4121 and 4141 and 4151								
		COURSE DESC:		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	4401	Professional Practice in Nursing	Lecture	8	0	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4121 and 4141 and 4151								
		COURSE DESC:		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	Seminar	4	0	BER; BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BSN or school nurse major and RN license or ND9988								
		COURSE DESC:		Provides an acclimation to the RN to BSN program by addressing the concepts, scope, and standards of professional nursing practice, including legal foundations of nursing practice, cultural diversity and competence, and inclusivity. Includes an introduction to principles of public speaking as well as active and passive verbal communication amongst a healthcare team with an emphasis on communication around social determinants of health. Introduces ethical concepts and theories impacting nursing practice, including personal values and beliefs and ethical reasoning. This course meets the Bridges for Ethics and Reasoning and Oral Communication.								
HSP	NRSE	NRSE	4520	Health Assessment and Promotion	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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	Seminar	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4541	Public Health Nursing Clinical	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: NRSE 4540 or concurrent PR, F								
		COURSE DESC:		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	Seminar	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent and (MATH 2500 or PSY 1110 or 2110 or QBA 2010 or concurrent). No ND9988.								
		COURSE DESC:		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	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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	Seminar	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 or concurrent. No ND9988.								
		COURSE DESC:		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	Laboratory	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and Sr only								
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between healthcare policy and professional nursing practice. Explores the broader context of healthcare 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 healthcare issues are identified, how healthcare policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other healthcare professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of healthcare, the impact of technology, and client advocacy. An experiential learning project is developed and implemented by the end of the course which demonstrates actual engagement with patients/stakeholders to impact outcomes.								
HSP	NRSE	NRSE	4600	Nursing Excellence	Seminar	3	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and Sr only								
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between healthcare policy and professional nursing practice. Explores the broader context of healthcare 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 healthcare issues are identified, how healthcare policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other healthcare professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of healthcare, the impact of technology, and client advocacy. An experiential learning project is developed and implemented by the end of the course which demonstrates actual engagement with patients/stakeholders to impact outcomes.								
HSP	NRSE	NRSE	4601	Nursing Excellence	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Senior and NRSE 4121								
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between healthcare policy and professional nursing practice. Explores the broader context of healthcare 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 healthcare issues are identified, how healthcare policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other healthcare professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of healthcare, the impact of technology, and client advocacy.								
HSP	NRSE	NRSE	4710	Introduction to School Nursing	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 4510 and 4530 and 4540 and licensed to practice as a registered nurse								
		COURSE DESC:		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	Clinical	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: NRSE 4710 and Licensed RN and malpractice insurance CR, PR								
		COURSE DESC:		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4741	Caring for Children with Special Needs in the School Setting GEC1: A-F REQUISITE: NRSE 4710 and Licensed RN and malpractice insurance COURSE DESC: 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.	Lecture	4	0		N	U30		0
HSP	NRSE	NRSE	4900	Special Topics in Nursing GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
HSP	NRSE	NRSE	4901	Clinical Issues: Human Sexuality GEC1: A-F REQUISITE: Admission to BS1221 or BS1222 or BS1203 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.	Seminar	1 to 4	0		N	U30		0
HSP	NRSE	NRSE	6010	Theoretical Basis of Practice GEC1: A-F REQUISITE: Online Master of Science in Nursing student 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6011	Foundations for Nurse Educators GEC1: A-F REQUISITE: COURSE DESC: Focuses on roles and responsibilities of nurse educators in relation to theoretical foundations, application and practice of teaching and learning within a variety of practice settings.	Lecture	2	0		N	G40		0
HSP	NRSE	NRSE	6020	Theories in Family Care GEC1: A-F REQUISITE: NRSE 6010 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6021	Assessment and Intervention for Families GEC1: A-F REQUISITE: NRSE 6010 or 7802 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6023	Assessment and Intervention in Critical Care GEC1: A-F REQUISITE: COURSE DESC: Focuses on concepts and issues related to the critical care environment. Include the identification of physical and psychological needs of this critical care patient population as well as family members. Emphasis is placed on assessment, intervention, and evaluation of the critically ill or injured patient using evidence-based strategies.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6110	Research and Evaluation in Nursing GEC1: A-F REQUISITE: NRSE 6010 concurrent 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6120	Evidence-Based Practice in Nursing GEC1: A-F REQUISITE: NRSE 6010 and (6110 or 602) 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6210	Advanced Pathophysiology in Nursing Practice 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6211	Advanced Pharmacology and Pathophysiology for Nurse Educators GEC1: A-F REQUISITE: COURSE DESC: Focuses on integration of advanced pathophysiology and pharmacology principles. Focuses on analysis of select pathophysiological clinical manifestations related to disease states, pharmacological and herbal utilization and appropriate education related to prescribed treatment regime. Emphasis on evidence-based practice and application using concept-based educational strategies.	Lecture	3	0		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6212	Project Planning and Evaluation for Advanced Nursing Practice 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.	Clinical	3	0		N	G40		0
HSP	NRSE	NRSE	6212	Project Planning and Evaluation for Advanced Nursing Practice 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6220	Advanced Health Appraisal GEC1: A-F REQUISITE: NRSE 6230 COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and nurse leadership 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.	Laboratory	3	6		N	G40		0
HSP	NRSE	NRSE	6220	Advanced Health Appraisal GEC1: A-F REQUISITE: NRSE 6230 COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and nurse leadership 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6221	Health Appraisal for Nurse Practitioners GEC1: A-F REQUISITE: NRSE 6230 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.	Laboratory	3	6		N	G40		0
HSP	NRSE	NRSE	6221	Health Appraisal for Nurse Practitioners GEC1: A-F REQUISITE: NRSE 6230 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6230	Advanced Pharmacology GEC1: A-F REQUISITE: NRSE 6210 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6231	Applied Clinical Pharmacology for the AGACNP 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.	Lecture	2	0		N	G40		0
HSP	NRSE	NRSE	6232	Advanced Diagnostics and Procedures for Clinical Decision-Making 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.	Laboratory	2	0		N	G40		0
HSP	NRSE	NRSE	6232	Advanced Diagnostics and Procedures for Clinical Decision-Making 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.	Lecture	2	0		N	G40		0
HSP	NRSE	NRSE	6300	Acute Care Nurse Practitioner GEC1: A-F REQUISITE: (NRSE 6221 or 612) 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6400	Family Assessment and Intervention GEC1: A-F REQUISITE: NRSE 6020 and 6230 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.	Lecture	3	6		N	G40		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6411	Neurobiological and Theoretical Bases for Psychiatric Mental Health in Advanced Nursing Practice GEC1: A-F REQUISITE: Student in online Post-Masters Psychiatric Nurse Practitioner (PMHNP) program 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6412	Psychotherapeutic Treatment Modalities for Advanced Nursing Practice GEC1: A-F REQUISITE: NRSE 6411 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6413	Assessment & Management of Mental Health Disorders for Advanced Nursing Practice I GEC1: A-F REQUISITE: NRSE 6411 and 6412 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6414	Assessment & Management of Mental Health Disorders for Advanced Nursing Practice II GEC1: A-F REQUISITE: NRSE 6413 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6610	Curriculum Development in Nursing GEC1: A-F REQUISITE: NRSE 6010 and 7802 COURSE DESC: Focuses on theory and strategies of curriculum design. Emphasizes application of principles to the design of an educational curriculum.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6620	Teaching Strategies in Nursing GEC1: A-F REQUISITE: NRSE 6610 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6621	Instructional Strategies for the Nurse Educator GEC1: A-F REQUISITE: COURSE DESC: Focuses on nurse educator instructional strategies and issues for delivering education content in the clinical, service or classroom setting with a variety of learners. Emphasizes ways to facilitate learning with educators in nursing schools, continuing education programs, staff development and patient education programs.	Lecture	2	0		N	G40		0
HSP	NRSE	NRSE	6622	Educational Design, Assessment and Evaluation for Nurse Educators GEC1: A-F REQUISITE: COURSE DESC: Focuses on design of education programs for individuals, families, communities or students. Emphasizes assessment and evaluation approaches based on teaching-learning outcomes for individuals, courses or programs.	Lecture	2	0		N	G40		0
HSP	NRSE	NRSE	6630	Academic Nursing GEC1: A-F REQUISITE: NRSE 6620 COURSE DESC: Focuses on enhancing understanding of the academic faculty role with an emphasis on program evaluation responsibilities.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6710	Nursing Administration GEC1: A-F REQUISITE: NRSE 6010 and (6110 ro 602) and 6120 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6720	FNP Practicum for Post-Master's Certificate GEC1: A-F REQUISITE: NRSE 6821 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.	Clinical	5	0		N	G40		0

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COURSE LISTING
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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.	Seminar	5	0		N	G40		0
HSP	NRSE	NRSE	6721	AGACNP Practicum for post-Master's Certificate ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP) for post-master's certificate students. Experiences emphasize clinical decision-making in an interprofessional 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.	Practicum	6	0		N	G40		0
HSP	NRSE	NRSE	6721	AGACNP Practicum for post-Master's Certificate ELIGIBLE GRADES: GEC1: A-F COURSE DESC: The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP) for post-master's certificate students. Experiences emphasize clinical decision-making in an interprofessional 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.	Seminar	6	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.	Seminar	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.	Seminar	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.	Lecture	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, synthesis of healthcare research, and evaluation of literature to inform evidence-based practice and develop a clinically relevant question.	Seminar	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.	Seminar	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.	Clinical	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.	Lecture	6	0		N	G40		0
HSP	NRSE	NRSE	6821	Primary Care of Adults and Older Adults ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Clinical	8	16		N	G40		0

**MASTER CURRICULUM FILE
COURSE LISTING
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HSP	NRSE	NRSE	6821	Primary Care of Adults and Older Adults ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	8	16		N	G40		0
HSP	NRSE	NRSE	6822	Family Nurse Practitioner in Primary Care Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Clinical	7	0		N	G40		0
HSP	NRSE	NRSE	6822	Family Nurse Practitioner in Primary Care Practice ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Seminar	7	0		N	G40		0
HSP	NRSE	NRSE	6823	Psychiatric Mental Health Practicum for Advanced Nursing Practice I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Practicum	2	0		N	G40		0
HSP	NRSE	NRSE	6824	Psychiatric Mental Health Practicum for Advanced Nursing Practice II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6825	Psychiatric Mental Health Practicum for Advanced Nursing Practice III ELIGIBLE GRADES: GEC1: A-F COURSE DESC: 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.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6826	AGACNP Management of Common Adult Health Problems I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: NRSE 6221 Focuses on complex symptom management related to acute and emergent physiological alterations. Emphasis will be on management of 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 of the nurse practitioner and collaboration are incorporated.	Clinical	6	0		N	G40		0
HSP	NRSE	NRSE	6826	AGACNP Management of Common Adult Health Problems I ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: NRSE 6221 Focuses on complex symptom management related to acute and emergent physiological alterations. Emphasis will be on management of 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 of the nurse practitioner and collaboration are incorporated.	Lecture	6	0		N	G40		0
HSP	NRSE	NRSE	6827	AGACNP Management of Common Adult Health Problems II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: NRSE 6826 Focuses on complex symptom management related to acute and emergent physiological alterations. Emphasis is on 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 of the nurse practitioner and collaboration are incorporated.	Clinical	7	0		N	G40		0
HSP	NRSE	NRSE	6827	AGACNP Management of Common Adult Health Problems II ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: NRSE 6826 Focuses on complex symptom management related to acute and emergent physiological alterations. Emphasis is on 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 of the nurse practitioner and collaboration are incorporated.	Lecture	7	0		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6828	AGACNP in Practice	Clinical	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6827								
				Focuses 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. Common and complex health problems in adults and older adults in acute care settings are emphasized.								
HSP	NRSE	NRSE	6828	AGACNP in Practice	Lecture	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6827								
				Focuses 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. Common and complex health problems in adults and older adults in acute care settings are emphasized.								
HSP	NRSE	NRSE	6829	Nurse Leaders in Practice	Practicum	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: NRSE 6801								
				PR								
				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.								
HSP	NRSE	NRSE	6830	Family Nurse Practitioner: Primary Care I	Clinical	9	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6221								
				Focuses on the advanced nursing knowledge, skills, and experiences by nurse practitioners in primary care. Emphasis is on advanced assessment, diagnosis, and clinical management relevant to the developmental, physical, and psycho-social health issues of individuals and families across the lifespan.								
HSP	NRSE	NRSE	6830	Family Nurse Practitioner: Primary Care I	Lecture	9	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6221								
				Focuses on the advanced nursing knowledge, skills, and experiences by nurse practitioners in primary care. Emphasis is on advanced assessment, diagnosis, and clinical management relevant to the developmental, physical, and psycho-social health issues of individuals and families across the lifespan.								
HSP	NRSE	NRSE	6831	Family Nurse Practitioner: Primary Care II	Clinical	9	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6831								
				Focuses on the application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners in primary care. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care providers.								
HSP	NRSE	NRSE	6831	Family Nurse Practitioner: Primary Care II	Lecture	9	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6831								
				Focuses on the application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners in primary care. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care providers.								
HSP	NRSE	NRSE	6832	Psychiatric Mental Health NP Practicum I	Clinical	7	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6221								
				Focuses on the neurobiological and theoretical bases for the clinical manifestation of psychiatric mental health disorders seen in clinical practice. Emphasis on non-pharmacologic treatment modalities for treatment of psychiatric mental health disorders by the nurse practitioner. The use of evidence-based therapy and treatment modalities for individuals, groups, and families throughout the lifespan are highlighted.								
HSP	NRSE	NRSE	6832	Psychiatric Mental Health NP Practicum I	Lecture	7	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6221								
				Focuses on the neurobiological and theoretical bases for the clinical manifestation of psychiatric mental health disorders seen in clinical practice. Emphasis on non-pharmacologic treatment modalities for treatment of psychiatric mental health disorders by the nurse practitioner. The use of evidence-based therapy and treatment modalities for individuals, groups, and families throughout the lifespan are highlighted.								
HSP	NRSE	NRSE	6833	Psychiatric Mental Health NP Practicum II	Clinical	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6832								
				Focuses on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. Emphasis includes planning, implementing, and evaluating interventions by the nurse practitioner with individuals, groups, and families throughout the lifespan. Application of psychotherapeutic modalities and psychopharmacological treatments in both inpatient and community settings throughout the life span are highlighted.								
HSP	NRSE	NRSE	6833	Psychiatric Mental Health NP Practicum II	Lecture	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NRSE 6832								
				Focuses on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. Emphasis includes planning, implementing, and evaluating interventions by the nurse practitioner with individuals, groups, and families throughout the lifespan. Application of psychotherapeutic modalities and psychopharmacological treatments in both inpatient and community settings throughout the life span are highlighted.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6834	Psychiatric Mental Health NP Practicum III	Clinical	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6833								
		COURSE DESC:		Focuses on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. Emphasis includes planning, implementing, and evaluating interventions by the nurse practitioner with individuals, groups, and families throughout the lifespan. Students gain experience in the application of psychotherapeutic modalities. Psychopharmacological treatments in both inpatient and community settings throughout the life span are highlighted.								
HSP	NRSE	NRSE	6834	Psychiatric Mental Health NP Practicum III	Lecture	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6833								
		COURSE DESC:		Focuses on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. Emphasis includes planning, implementing, and evaluating interventions by the nurse practitioner with individuals, groups, and families throughout the lifespan. Students gain experience in the application of psychotherapeutic modalities. Psychopharmacological treatments in both inpatient and community settings throughout the life span are highlighted.								
HSP	NRSE	NRSE	6900	Special Topics in Nursing	Lecture	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	NRSE	NRSE	6921	Primary Care of Adults	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6920 and 6230 and permission required								
		COURSE DESC:		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	Practicum	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6920 and 6230 and permission required								
		COURSE DESC:		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	Clinical	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6921 and permission required								
		COURSE DESC:		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	Lecture	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6921 and permission required								
		COURSE DESC:		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	Clinical	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission								
		COURSE DESC:		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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission								
		COURSE DESC:		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	Clinical	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (NRSE 6221 or 612) and 6230								
		COURSE DESC:		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	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (NRSE 6221 or 612) and 6230								
		COURSE DESC:		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	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6924								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6925	Complex Adult Health Problems II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6924								
		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.								
HSP	NRSE	NRSE	6926	Critical Care Concepts and Practice	Clinical	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6925								
		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.								
HSP	NRSE	NRSE	6926	Critical Care Concepts and Practice	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6925								
		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.								
HSP	NRSE	NRSE	6927	Acute Care Nurse Practitioner and Practice	Clinical	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6926								
		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.								
HSP	NRSE	NRSE	6927	Acute Care Nurse Practitioner and Practice	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6926								
		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.								
HSP	NRSE	NRSE	6928	Nursing Educator Practicum	Practicum	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6211, NRSE 6621, and NRSE 6622								
		COURSE DESC:		Focuses on faculty and preceptor guided experiences in curriculum development, teaching, and program evaluation in an educational setting as well as advanced nursing care experiences in a direct care setting.								
HSP	NRSE	NRSE	6929	Nursing Administration Practicum	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6710								
		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.								
HSP	NRSE	NRSE	6929	Nursing Administration Practicum	Practicum	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 6710								
		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.								
HSP	NRSE	NRSE	6930	Independent Study	Ind Study	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR 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.								
HSP	NRSE	NRSE	6931	Capstone Seminar	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: NRSE 6010 and (NRSE 6923 or 6928 or 6929) or concurrent								
		COURSE DESC:		PR, F 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	Tutorial	1 to 8	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F 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	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6834 or concurrent, NRSE 6828 or concurrent, NRSE 6831 or concurrent								
		COURSE DESC:		PR 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6934	Capstone Experience for Nurse Educators	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6211, NRSE 6621, and NRSE 6622								
		COURSE DESC:		PR Emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development and completion of summative assessments.								
HSP	NRSE	NRSE	6935	Capstone Experience for Nurse Leaders	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: NRSE 6929 or concurrent and Nursing Leadership majors only								
		COURSE DESC:		PR 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.								
HSP	NRSE	NRSE	7801	Leadership in Systems and Organizations for Advanced Nursing Practice	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	NRSE	NRSE	7802	Interprofessional Theories for Advanced Nursing Practice	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to the DNP program								
		COURSE DESC:		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. Implementation and evaluation models and frameworks are introduced. 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	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to the DNP program								
		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.								
HSP	NRSE	NRSE	7804	Principles of Business and Resource Management for Advanced Nursing Practice	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 7803								
		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.								
HSP	NRSE	NRSE	7805	Analysis of Evidence-Based Practice for Advanced Nursing Practice	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to the DNP program								
		COURSE DESC:		The course focuses on critical appraisal, synthesis of healthcare research, and evaluation of literature to inform evidence-based practice and develop a clinically relevant question.								
HSP	NRSE	NRSE	7806	Promotion of Quality Healthcare through Advanced Nursing Practice	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 7801 and 7802 and (7805 concurrent)								
		COURSE DESC:		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	7807	Application of Evidence-Based Practice for Advanced Nursing Practice	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 7805 and 7806								
		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.								
HSP	NRSE	NRSE	7808	Informatics for Advanced Nursing Practice	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 7808								
		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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
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.	Seminar	2	0		N	G40		0
HSP	NRSE	NRSE	8940	DNP Scholarly Project I GEC1: A-F REQUISITE: NRSE 7807 and 7809 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 implementation process including the role of the inter-professional team, barriers, facilitators and outcomes. The course includes residency hours outside class time in the clinical project setting.	Research	3	0		N	G40		0
HSP	NRSE	NRSE	8941	DNP Scholarly Project II GEC1: A-F REQUISITE: NRSE 8940 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.	Research	3	0		N	G40		0
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan 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 demonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	Clinical	7	0		N	U20		0
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan 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 demonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	Laboratory	7	0		N	U20		0
HSP	NRSE	NURS	1110	Foundations of Nursing and Assessment Across the Lifespan 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 demonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	Lecture	7	0		N	U20		0
HSP	NRSE	NURS	1111	Foundations of Nursing Practice GEC1: A-F REQUISITE: Admission to AA2342 COURSE DESC: Focuses on evidenced-based fundamental nursing practice concepts to safely and effectively care for patients across the lifespan.	Clinical	4.5	0		N	U20		0
HSP	NRSE	NURS	1111	Foundations of Nursing Practice GEC1: A-F REQUISITE: Admission to AA2342 COURSE DESC: Focuses on evidenced-based fundamental nursing practice concepts to safely and effectively care for patients across the lifespan.	Laboratory	4.5	0		N	U20		0
HSP	NRSE	NURS	1111	Foundations of Nursing Practice GEC1: A-F REQUISITE: Admission to AA2342 COURSE DESC: Focuses on evidenced-based fundamental nursing practice concepts to safely and effectively care for patients across the lifespan.	Lecture	4.5	0		N	U20		0
HSP	NRSE	NURS	1112	Health Assessment Across the Lifespan GEC1: A-F REQUISITE: Admission to AA2342 COURSE DESC: Focuses on the development of skills necessary for performing a comprehensive nursing assessment for individuals across the lifespan.	Laboratory	2.5	0		N	U20		0

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HSP	NRSE	NURS	1112	Health Assessment Across the Lifespan	Lecture	2.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		Focuses on the development of skills necessary for performing a comprehensive nursing assessment for individuals across the lifespan.								
HSP	NRSE	NURS	1130	Nursing Pharmacology: ADN	Lecture	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	1131	Pharmacology I	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		This course focuses on introducing the student to pharmacological principles to assist the student with utilization of the nursing process, basic principles of safe and effective medication administration, pharmacokinetics, safety, and infection control across the lifespan.								
HSP	NRSE	NURS	1131	Pharmacology I	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		This course focuses on introducing the student to pharmacological principles to assist the student with utilization of the nursing process, basic principles of safe and effective medication administration, pharmacokinetics, safety, and infection control across the lifespan.								
HSP	NRSE	NURS	1210	Adult Health I: ADN	Clinical	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 medical surgical course is to introduce the learner to the scope and practice of medical-surgical nursing. Emphasis is placed on pathophysiologic disturbances and related nursing skills for selected topics of this course. The student will be introduced to and practice the safe administration of medications. Skills once learned may be applied in the clinical setting under the supervision of the clinical instructor. This course 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. Content includes, perioperative nursing, fluid and electrolyte and acid base imbalances, integumentary problems, burns, and wound care; management of patients with problems of the endocrine, gastrointestinal, and hepatobiliary systems; cancer and hematological concepts and intravenous therapy.								
HSP	NRSE	NURS	1210	Adult Health I: ADN	Laboratory	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 medical surgical course is to introduce the learner to the scope and practice of medical-surgical nursing. Emphasis is placed on pathophysiologic disturbances and related nursing skills for selected topics of this course. The student will be introduced to and practice the safe administration of medications. Skills once learned may be applied in the clinical setting under the supervision of the clinical instructor. This course 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. Content includes, perioperative nursing, fluid and electrolyte and acid base imbalances, integumentary problems, burns, and wound care; management of patients with problems of the endocrine, gastrointestinal, and hepatobiliary systems; cancer and hematological concepts and intravenous therapy.								
HSP	NRSE	NURS	1210	Adult Health I: ADN	Lecture	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 medical surgical course is to introduce the learner to the scope and practice of medical-surgical nursing. Emphasis is placed on pathophysiologic disturbances and related nursing skills for selected topics of this course. The student will be introduced to and practice the safe administration of medications. Skills once learned may be applied in the clinical setting under the supervision of the clinical instructor. This course 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. Content includes, perioperative nursing, fluid and electrolyte and acid base imbalances, integumentary problems, burns, and wound care; management of patients with problems of the endocrine, gastrointestinal, and hepatobiliary systems; cancer and hematological concepts and intravenous therapy.								
HSP	NRSE	NURS	1211	Medical Surgical Nursing I	Clinical	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the immunological, hematological, gastrointestinal, endocrine, hepatobiliary systems, fluid and electrolytes, perioperative nursing, cancer, wound, and end-of-life care.								
HSP	NRSE	NURS	1211	Medical Surgical Nursing I	Laboratory	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the immunological, hematological, gastrointestinal, endocrine, hepatobiliary systems, fluid and electrolytes, perioperative nursing, cancer, wound, and end-of-life care.								
HSP	NRSE	NURS	1211	Medical Surgical Nursing I	Lecture	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the immunological, hematological, gastrointestinal, endocrine, hepatobiliary systems, fluid and electrolytes, perioperative nursing, cancer, wound, and end-of-life care.								

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COURSE LISTING
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HSP	NRSE	NURS	1220	Mental Health Nursing	Clinical	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.								
HSP	NRSE	NURS	1220	Mental Health Nursing	Lecture	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.								
HSP	NRSE	NURS	1221	Mental Health Nursing	Clinical	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for patients experiencing common acute and chronic mental health alterations across the lifespan. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	1221	Mental Health Nursing	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for patients experiencing common acute and chronic mental health alterations across the lifespan. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	1221	Mental Health Nursing	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		This course focuses on patient-centered care for patients experiencing common acute and chronic mental health alterations across the lifespan. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	1231	Pharmacology II	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1111, 1112, 1131, BIOS 1300, and CFS 2710						
		COURSE DESC:		Focuses on 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	2002	Introduction to Nursing	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2220 or concurrent and BSN student and Sr or permission						
		COURSE DESC:		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	Seminar	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	Lecture	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.								

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HSP	NRSE	NURS	2030	Licensed Practical Nurse to Registered Nurse Transition	Clinical	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		The course is designed to 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	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		The course is designed to 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	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		The course is designed to 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	2031	LPN-RN Transition	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		Prepares the licensed practical nurse to perform as a registered nurse by expanding the LPN knowledge base and exploring the scope of practice of the RN. The course reviews the nursing process, communication, patient teaching, and critical thinking and introduces higher levels of cognition including clinical reasoning and clinical judgment.								
HSP	NRSE	NURS	2040	Licensed Practical Nurse to Registered Nurse Bridge	Lecture	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	2041	LPN-RN Bridge	Clinical	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		Nursing care related to acute and chronic health alterations. Emphasis is placed 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. Emphasis will be placed on establishing a caring and therapeutic relationship between the patient, family, and nurse.								
HSP	NRSE	NURS	2041	LPN-RN Bridge	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		Nursing care related to acute and chronic health alterations. Emphasis is placed 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. Emphasis will be placed on establishing a caring and therapeutic relationship between the patient, family, and nurse.								
HSP	NRSE	NURS	2041	LPN-RN Bridge	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to AA2342						
		COURSE DESC:		Nursing care related to acute and chronic health alterations. Emphasis is placed 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. Emphasis will be placed on establishing a caring and therapeutic relationship between the patient, family, and nurse.								
HSP	NRSE	NURS	2110	Adult Health II: ADN	Clinical	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.								
HSP	NRSE	NURS	2110	Adult Health II: ADN	Laboratory	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.								

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HSP	NRSE	NURS	2110	Adult Health II: ADN	Lecture	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.								
HSP	NRSE	NURS	2111	Medical Surgical Nursing II	Clinical	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the respiratory, cardiac, renal systems, shock and acid-base imbalances.								
HSP	NRSE	NURS	2111	Medical Surgical Nursing II	Laboratory	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the respiratory, cardiac, renal systems, shock and acid-base imbalances.								
HSP	NRSE	NURS	2111	Medical Surgical Nursing II	Lecture	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the respiratory, cardiac, renal systems, shock and acid-base imbalances.								
HSP	NRSE	NURS	2120	Maternal and Newborn Nursing	Clinical	3	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 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)						
		COURSE DESC:		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	Laboratory	3	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 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)						
		COURSE DESC:		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	Lecture	3	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 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent)						
		COURSE DESC:		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	2121	Maternal-Newborn Nursing	Clinical	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the newborn and child-bearing patient throughout the prenatal, perinatal, postnatal periods. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2121	Maternal-Newborn Nursing	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the newborn and child-bearing patient throughout the prenatal, perinatal, postnatal periods. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2121	Maternal-Newborn Nursing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the newborn and child-bearing patient throughout the prenatal, perinatal, postnatal periods. The course builds on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2130	Child and Adolescent Nursing	Laboratory	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	2130	Child and Adolescent Nursing	Lecture	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	2131	Pediatric Nursing	Clinical	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the pediatric patient experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2131	Pediatric Nursing	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the pediatric patient experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2131	Pediatric Nursing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 1211, 1231, 1221, and BIOS 1310						
		COURSE DESC:		This course focuses on patient-centered care for the pediatric patient experiencing common acute and chronic physical health alterations. The student will build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care.								
HSP	NRSE	NURS	2210	Adult Health III: ADN	Clinical	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; addresses content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, multi-system failure, and end of life issues. Students develop and implement care plans using the nursing process and evidence based practice guidelines.								
HSP	NRSE	NURS	2210	Adult Health III: ADN	Laboratory	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; addresses content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, multi-system failure, and end of life issues. Students develop and implement care plans using the nursing process and evidence based practice guidelines.								
HSP	NRSE	NURS	2210	Adult Health III: ADN	Lecture	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; addresses content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, multi-system failure, and end of life issues. Students develop and implement care plans using the nursing process and evidence based practice guidelines.								
HSP	NRSE	NURS	2211	Medical-Surgical Nursing III	Clinical	5.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The students build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the neurological, musculoskeletal, and integumentary systems, sensory, visual, auditory, connective tissue problems, men's, women's, and transgender health issues.								
HSP	NRSE	NURS	2211	Medical-Surgical Nursing III	Laboratory	5.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The students build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the neurological, musculoskeletal, and integumentary systems, sensory, visual, auditory, connective tissue problems, men's, women's, and transgender health issues.								
HSP	NRSE	NURS	2211	Medical-Surgical Nursing III	Lecture	5.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		This course focuses on patient-centered care for adults experiencing common acute and chronic physical health alterations. The students build on fundamental concepts of collaboration, evidence-based practice, and safe, effective quality care. Topics include care of patient with problems related to the neurological, musculoskeletal, and integumentary systems, sensory, visual, auditory, connective tissue problems, men's, women's, and transgender health issues.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NURS	2220	Integrated Nursing Practice	Clinical	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2010 and NURS 2110 and 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	Lecture	7	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 2010 and NURS 2110 and 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	2221	Integrated Nursing Practice	Clinical	6	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		The focus of this course is on the integration of leadership, management, and collaborative skills of the RN.								
HSP	NRSE	NURS	2221	Integrated Nursing Practice	Laboratory	6	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		The focus of this course is on the integration of leadership, management, and collaborative skills of the RN.								
HSP	NRSE	NURS	2221	Integrated Nursing Practice	Lecture	6	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NURS 2111, 2121, 2131, and BIOS 2210						
		COURSE DESC:		The focus of this course is on the integration of leadership, management, and collaborative skills of the RN.								
HSP	NRSE	NURS	2900	Special Topics in Nursing	Lecture	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	Seminar	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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	1070	Voice and Articulation	Lecture	3	0	BSL	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Addresses the recognition and evaluation of voice and articulation to improve speaking and listening skills.								
HSP	RCS	CSD	1080	Introduction to Communication Differences and Disorders	Lecture	3	0	2AS; BDP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to communication sciences and disorders, including a wide spectrum of impairments and disabilities in hearing, speech, and language for people. Considerations for people from linguistically and culturally diverse backgrounds are integrated throughout the course.								
HSP	RCS	CSD	1110	Elementary American Sign Language I	Laboratory	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the first in a sequence of six American Sign Language (ASL) courses. Course focuses on the foundational aspects of ASL such as the manual alphabet, various number systems, basic grammatical structure, non-manual grammatical markers, listing, ranking, contrastive structure, and the use of space. The course applies a conversational, deaf studies approach. The history and culture of the deaf community in the United States is introduced.								
HSP	RCS	CSD	1110	Elementary American Sign Language I	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the first in a sequence of six American Sign Language (ASL) courses. Course focuses on the foundational aspects of ASL such as the manual alphabet, various number systems, basic grammatical structure, non-manual grammatical markers, listing, ranking, contrastive structure, and the use of space. The course applies a conversational, deaf studies approach. The history and culture of the deaf community in the United States is introduced.								
HSP	RCS	CSD	1120	Elementary American Sign Language II	Laboratory	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the second in a sequence of six American Sign Language (ASL) courses. Course continues to develop grammatical competency in regard to sentence structures in ASL. Course expands on concepts previously introduced and introduces classifiers and ASL literature. The course applies a conversational, deaf studies approach.								
HSP	RCS	CSD	1120	Elementary American Sign Language II	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the second in a sequence of six American Sign Language (ASL) courses. Course continues to develop grammatical competency in regard to sentence structures in ASL. Course expands on concepts previously introduced and introduces classifiers and ASL literature. The course applies a conversational, deaf studies approach.								
HSP	RCS	CSD	1130	Introduction to the Deaf Community	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			No credit for this course if taken after DSI 1610				
		COURSE DESC:		This course examines deafness from a broad biological-psychosocial perspective, including issues related to causes of deafness, psychosocial impact of deafness, and various philosophies and approaches related to language learning (e.g., sign, hearing aids, cochlear implants).								
HSP	RCS	CSD	2080	Phonetics	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			CSD 1080				
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the third in a sequence of six American Sign Language (ASL) courses. Intermediate level ASL classes provide students opportunity to develop more complex expressive and receptive conversational skills. Emphasis is placed on expressive ASL using classifiers 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. This is a continued study of deaf community and more complex ASL literature.								
HSP	RCS	CSD	2120	Intermediate American Sign Language II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			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				
		COURSE DESC:		This is the fourth in a sequence of six 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 stories.								
HSP	RCS	CSD	2130	Anatomy and Physiology of Speech and Language	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			CSD 1080				
		COURSE DESC:		Provides an introduction to the structure and function of the speech and language subsystems.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	2140	Introduction to Deaf Culture	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: No credit for this course if taken after DSI 2860				
		COURSE DESC:		This course is designed to provide students with an in-depth study of American Deaf culture and the American Deaf community from the multidisciplinary perspective. It is an introduction to topics such as cultural identity, core values, group norms, communication, language as well as significant contributions made by Deaf people to the world community. Designed for students who may or may not have had any previous experience or exposure, this course will answer some of the most commonly asked questions about the Deaf community and its rich culture. Views and perspectives of and from the Deaf community will be explored along with the implications of cultural differences when the Deaf and hearing worlds overlap. 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 will be examined.								
HSP	RCS	CSD	2500	Speech Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: CSD 2130				
		COURSE DESC:		Fundamentals of the production, perception, and acoustics of speech.								
HSP	RCS	CSD	2530	Hearing Science	Lecture	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	Lecture	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	2970T	CSD First Year Tutorial 1	Tutorial	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 Sophomore Tutorial 2	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE: HTC				
		COURSE DESC:		CR, PR Honors Tutorial on topics in Communication Sciences and Disorders								
HSP	RCS	CSD	3000	Aging and Disorders of Communication	Lecture	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	Lecture	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	3110	Advanced American Sign Language I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: CSD 2120				
		COURSE DESC:		This course is the fifth in the sequence of six American Sign Language (ASL) courses. The advanced level ASL classes provide students the opportunity to further develop more complex comprehension and production skills. This course is designed for students to develop greater knowledge and proficiency of American Sign Language and its subcomponents (e.g., vocabulary, morphology, grammar) and greater American Sign Language conversational proficiency. Emphasis is on American Sign Language expression through language immersion within a controlled classroom of all signers.								
HSP	RCS	CSD	3120	Advanced American Sign Language II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: CSD 3110				
		COURSE DESC:		This course is the final class in the sequence of six American Sign Language (ASL) courses. The advanced level classes provide students the opportunity to further develop more complex comprehension and production skills in ASL. This course is designed for students to develop mastery knowledge and proficiency of ASL and its subcomponents (e.g., vocabulary, morphology, grammar) and conversational proficiency with deaf signers within the context of the deaf culture. Course represents the capstone of the ASL course sequence and thus requires students to demonstrate ASL proficiency in real life situations.								
HSP	RCS	CSD	3140	American Sign Language Development	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: CSD 1120 and WARNING: No Credit if taken after DSI 2130				
		COURSE DESC:		Course focuses on cognitive and linguistic factors constraining the acquisition of American Sign Language (ASL) and its subcomponents (e.g., vocabulary, morphology, grammar) within a broad language acquisition perspective, emphasizing parallels between development of ASL and spoken language.								
HSP	RCS	CSD	3410	Pre-Professional Service I	Lecture	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	3500	Audiology in Healthcare	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Provides students with a comprehensive overview of the audiology profession across medical, private practice, educational, and industrial healthcare settings. Includes topics about audiological evaluations of individuals who have normal hearing and who are hard of hearing, hearing conservation techniques, counseling strategies, and inter-professional practice.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	3800	Basic Audiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2130								
		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	3900	Introduction to Research in Hearing, Speech and Language Sciences	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 108 or 1080 and MATH 250 or 2500 or PSY 221 or 2110								
		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	Tutorial	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	3980T	CSD Second Year Tutorial 2	Tutorial	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	4100	Language Science	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 3100								
		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	4130	Clinical Neuroanatomy for Communication Sciences and Disorders	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2130								
		COURSE DESC:		Presents basic structure and function of the human nervous system as it relates to clinical applications in Communication Sciences and Disorders. Provides students in speech language pathology and audiology with foundational knowledge of the central and peripheral nervous systems as well as their relations to neurological disorders, such as stroke, traumatic brain injury, developmental disorders and underlying symptoms, like aphasia, dysphagia, and apraxia.								
HSP	RCS	CSD	4180	Disorders of Articulation and Phonology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2080 and 2130								
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 2130								
		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 1080 and 2080								
		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	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 3410 and Sr								
		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	4420	Pre-Professional Issues in Communication Sciences and Disorders	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 3100, 3800 and senior and WARNING: No credit if taken after CSD 3410 and 4410								
		COURSE DESC:		An advanced review of topics in Communication Sciences and Disorders, including professional scope, ethics, clinical skills and responsibilities.								
HSP	RCS	CSD	4440	Language Disorders in Children	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 3100								
		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.								
HSP	RCS	CSD	4710	Aural Rehabilitation	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	4900	Special Topics in Communication Sciences and Disorders	Lecture	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	4930	Independent Study in Communication Sciences and Disorders	Ind Study	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	Research	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	Tutorial	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	Tutorial	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	Agging and Disorders of Communication	Lecture	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	5110	Elementary American Sign Language I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit for this course if taken after CSD 5850								
		COURSE DESC:		This is the first in a sequence of six American Sign Language (ASL) courses. Course focuses on the foundational aspects of ASL such as the manual alphabet, various number systems, basic grammatical structure, non-manual grammatical markers, listing, ranking, contrastive structure, and the use of space. The course applies a conversational, deaf studies approach. The history and culture of the deaf community in the United States is introduced.								
HSP	RCS	CSD	5120	Elementary American Sign Language II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5110								
		COURSE DESC:		This is the second in a sequence of six American Sign Language (ASL) courses. Course continues to develop grammatical competency in regard to sentence structures in ASL. Course expands on concepts previously introduced and introduces classifiers and ASL literature. The course applies a conversational, deaf studies approach. Registered students attend a section of the corresponding undergraduate course.								
HSP	RCS	CSD	5210	Intermediate American Sign Language I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5120 or 5860								
		COURSE DESC:		This is the third in a sequence of six American Sign Language (ASL) courses. Intermediate level ASL classes provide students opportunity to develop more complex expressive and receptive conversational skills. Emphasis is placed on expressive ASL using classifiers 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. This is a continued study of Deaf community and more complex ASL literature. Registered students attend a section of the second-year undergraduate course.								
HSP	RCS	CSD	5220	Intermediate American Sign Language II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD5210								
		COURSE DESC:		The fourth in a sequence of six 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 stories.								
HSP	RCS	CSD	5310	Advanced American Sign Language I	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5220								
		COURSE DESC:		The fifth in the sequence of six American Sign Language (ASL) courses. The advanced level ASL classes provide students the opportunity to further develop more complex comprehension and production skills. This course is designed for students to develop greater knowledge and proficiency of American Sign Language and its subcomponents (e.g., vocabulary, morphology, grammar) and greater American Sign Language conversational proficiency. Emphasis is on ASL expression through language immersion within a controlled classroom of all signers.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	5320	Advanced American Sign Language II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5310								
		COURSE DESC:		The final class in the sequence of six American Sign Language (ASL) courses. The advanced level classes provide students the opportunity to further develop more complex comprehension and production skills in ASL. This course is designed for students to develop mastery knowledge and proficiency of ASL and its subcomponents (e.g., vocabulary, morphology, grammar) and conversational proficiency with deaf signers within the context of the deaf culture. Course represents the capstone of the ASL course sequence and thus requires students to demonstrate ASL proficiency in real life situations.								
HSP	RCS	CSD	5710	Aural Rehabilitation	Lecture	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	5860	Sign Language II	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5850								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 5860								
		COURSE DESC:		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	Lecture	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	6010	Research Methods in Hearing, Speech and Language Sciences	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								
HSP	RCS	CSD	6120	Child Language Disorders II: School-age Language and Literacy	Lecture	3	0		N	G50		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 6190								
		COURSE DESC:		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.								
HSP	RCS	CSD	6130	Speech Sound Development and Disorders	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course covers speech sound difficulties associated with overall language disorders. There is an emphasis on theories of speech sound acquisition, stages of development, description of deviant systems, methods of data collection and analysis, and treatment approaches.								
HSP	RCS	CSD	6170	Disorders of Fluency	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Focus is on the speech disorder of stuttering as related to theory, research, assessment, and remediation.								
HSP	RCS	CSD	6190	Speech Language Pathology in Public Schools	Lecture	3	0		N	G50		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 6120								
		COURSE DESC:		Assessment, intervention, and administrative issues for speech-language pathologists working with children in the public schools.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6210	Disorders of Phonation	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6220	Child Language Disorders III: School-age Psycholinguistic Perspectives	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6230	Diagnostic Procedures in Speech-Language Pathology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6240	Neuromotor Disorders of Speech	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6250	Pediatric Feeding: Assessment and Intervention	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 6020								
HSP	RCS	CSD	6260	Counseling and Interviewing in Communication Sciences and Disorders	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6270	Medical Aspects of Auditory Disorders	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 6730, 6731, 6749, and 6770								
HSP	RCS	CSD	6290	Adult Language Disorders	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 6030								
HSP	RCS	CSD	6340	Clinical Methods in Speech-Language Pathology	Lecture	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6351	Professional Education in Audiology I	Lecture	2	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6400	Augmentative Communication	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6410	Dysphagia	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
HSP	RCS	CSD	6520	Experimental Phonetics	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6730	Diagnostic Audiology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CSD 6749 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	6770	Advanced Hearing Science	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Varied topics relating to clinical, professional, and theoretical topics in speech-language pathology.								
HSP	RCS	CSD	6910	Clinical Externship	Field	2 to 15	45		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				(CSD 6080 or 6220) and 6130 and 6170 and 6210 and 6230 and 6290 and (Knowledge and Skill Assessment score in consistent range 5.0-6.9) 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	Practicum	1	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Supervised clinical experience includes practice in diagnosis, planning of therapy, and remediation.								
HSP	RCS	CSD	6921	Audiology Practicum I	Practicum	1 to 2	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Experience in audiology diagnosis and aural rehabilitation in on-campus clinical and off-campus settings for first year Au.D. students.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	6935	Ageing and Communication in the Developing World	Seminar	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	Thesis	.5 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Permission required and successful defense of research proposal CR, PR Thesis in communication disorders.								
HSP	RCS	CSD	7250	Administration of Public School Speech-Language Pathology Programs	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 6120 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	Lecture	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	7352	Professional Education in Audiology II	Lecture	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Warning: No CSD 7351 Designed to bridge didactic coursework and clinical experience for second year Audiology students.								
HSP	RCS	CSD	7620	Rehabilitative Audiology	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		(CSD 6730 or 673A) and (6740 or 674A) and (7630 or 763) 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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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	Noise Exposure and Hearing Conservation	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 6730 and 6740 and 6770 Information about the adverse effects of noise on hearing and vestibular anatomy, noise control and measurement in occupational and non-occupational settings, hearing protection devices, and hearing conservation in recreational and educational settings. Also includes Occupational Safety and Health Administration (OSHA) regulations on noise exposure, regulations on compensation for industrial workers with noise-induced hearing loss, and the implementation of hearing conservation programs as prescribed by the National Institute for Occupational Safety and Health (NIOSH).								
HSP	RCS	CSD	7700	Cochlear Implants	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 6030 or 603 and CSD 6749 and CSD 6770 Neurobiological basis for cochlear implants, speech processing techniques, candidacy for implants, post operative management, and outcomes assessment.								
HSP	RCS	CSD	7750	Advanced Hearing Aids	Lecture	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	7850	Balance Function Assessment	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 6030 and CSD 6749 Assessment of balance function including anatomy and physiology, theory, disorders and test protocols.								
HSP	RCS	CSD	7910	Clinical Externship in Audiology	Internship	4 to 15	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	7921	Audiology Practicum II	Practicum	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 2nd year Au.D. student								
		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 second year Au.D. students.								
HSP	RCS	CSD	7930	Directed Studies	Ind Study	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 Study	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 Study	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		CR, PR										
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.								
HSP	RCS	CSD	7950	Integrated Clinical Education	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to bridge didactic coursework and clinical experience for advanced-level students in the Audiology program.								
HSP	RCS	CSD	8351	Professional Education in Audiology III	Lecture	1	2		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to provide third year Au.D. students a didactic forum facilitating integration 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	8900	Special Topics in Communication Sciences and Disorders	Lecture	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	Internship	4 to 15	45		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CSD 8921 and 8949 must be completed prior to commencing externship								
		CR, PR										
		COURSE DESC:		Full-time supervised externship for three semesters, located nationwide.								
HSP	RCS	CSD	8921	Audiology Practicum III	Practicum	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 Study	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		CR, PR										
		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 Study	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	Research	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	Research	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	8949	Research Practicum in Audiology	Research	2 to 4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Research training experience in which students engage in basic research, clinical research, or an evidence-based practice project on a clinical case. The two semester experience culminates in a presentation.								
HSP	RCS	CSD	8950	Dissertation in CSD	Thesis	.5 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Permission required and mentor will judge readiness of student to begin dissertation based on student's performance in related directed studies. CR, PR 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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required 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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required 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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required 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.								
HSP	RCS	CSD	8963	Theoretical Accounts of Specific Language Impairment	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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).								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	CSD	8971	Language Disorders of Form: Assessment and Remediation	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required Study of ethical issues in clinical practice and research in communication sciences and disorders.								
HSP	RCS	CSD	8976	Pedagogy in CSD	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Permission required Examines methods to enhance teaching and learning in the field of communication sciences and disorders.								
HSP	RCS	CSD	8977	Signal Processing	Seminar	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Seminar	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	DSI	1110	Beginning American Sign Language I	Lecture	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): CSD 1110 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.								
HSP	RCS	DSI	1120	Beginning American Sign Language II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	DSI	1510	Visual Gestural Communication in ASL	Lecture	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.								
HSP	RCS	DSI	1610	Orientation to the d/Deaf World	Lecture	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.								
HSP	RCS	DSI	1810	Introduction to Interpreting	Laboratory	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.								
HSP	RCS	DSI	1810	Introduction to Interpreting	Lecture	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.								
HSP	RCS	DSI	1921	Environmental Observation in Interpreting	Lecture	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.								
HSP	RCS	DSI	2110	Intermediate American Sign Language I	Lecture	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.								
HSP	RCS	DSI	2120	Intermediate American Sign Language II	Lecture	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.								
HSP	RCS	DSI	2130	American Sign Language Linguistics	Lecture	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.								
HSP	RCS	DSI	2140	Educational Interpreting	Lecture	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.								
HSP	RCS	DSI	2150	Fingerspelling and the Interpreter	Lecture	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.								
HSP	RCS	DSI	2160	Seminar in Interpreting	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 2820								
		COURSE DESC:		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.								
HSP	RCS	DSI	2170	English and the Interpreter	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: DSI 1810								
		COURSE DESC:		Designed to enhance English and sign vocabulary. Examines such things as lexical substitutions in interpreting, commonly confused terminology, English idioms, prefixes and suffixes, etc.								
HSP	RCS	DSI	2810	Professional Decision Making and Interpreting	Lecture	2	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and DSI 1120								
		COURSE DESC:		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.								
HSP	RCS	DSI	2820	Interpreting and Transliterating Techniques I	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in DSI 1810								
		COURSE DESC:		Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	DSI	2820	Interpreting and Transliterating Techniques I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: C or better in DSI 1810				
		COURSE DESC:		Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.								
HSP	RCS	DSI	2830	Interpreting and Transliterating Techniques II	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: C or better in DSI 2820				
		COURSE DESC:		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.								
HSP	RCS	DSI	2830	Interpreting and Transliterating Techniques II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: C or better in DSI 2820				
		COURSE DESC:		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.								
HSP	RCS	DSI	2860	Study of Deaf Culture	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: DSI 1120				
		COURSE DESC:		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.								
HSP	RCS	DSI	2900	Special Topics in Deaf Studies	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,				REQUISITE: CR				
		COURSE DESC:		Specific course content will vary with offering.								
HSP	RCS	DSI	2921	Practicum I	Practicum	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.								
HSP	RCS	DSI	2922	Practicum II	Practicum	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.								
HSP	RCS	PA	2100	Introduction to the Physician Assistant Profession	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: Admission to the Ohio University Physician Assistant Program				
		COURSE DESC:		PR 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: PA 5110				
		COURSE DESC:		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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: PA 5110				
		COURSE DESC:		PR 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.								
HSP	RCS	PA	5140	Concepts of Leadership and Management for the Physician Assistant	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: PA 5110				
		COURSE DESC:		PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5150	Professional Development: Certification and Practice for the Physician Assistant	Lecture	1	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								
HSP	RCS	PA	5210	Clinical Gross Anatomy for the Physician Assistant	Laboratory	5	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								
HSP	RCS	PA	5210	Clinical Gross Anatomy for the Physician Assistant	Lecture	5	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								
HSP	RCS	PA	5220	Clinical Pathophysiology I for the Physician Assistant	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								
HSP	RCS	PA	5221	Clinical Pathophysiology I for Physician Assistants	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: The first in a series of three courses in clinical pathophysiology. Focuses on the foundational physiologic and pathophysiologic processes as they relate to cell function, homeostasis, and molecular interactions within the human body. Disease processes include the body's response to acute inflammation and hemorrhage, thrombosis and embolism, allergic reactions, neoplasms and infections.								
HSP	RCS	PA	5230	Clinical Pathophysiology II for the Physician Assistant	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: The second 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: Integumentary, Immune, Neurologic, musculoskeletal, hematology and oncology.								
HSP	RCS	PA	5231	Clinical Pathophysiology II for Physician Assistants	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: The second in a series of three courses in clinical pathophysiology. Focuses on the foundational physiologic and pathophysiologic processes as they relate to cell function, tissues, organs and organ systems in health and disease states related to the vascular, respiratory, integumentary, and digestive systems along with disorders affecting the eyes, ears, nose and throat (EENT) and cancer.								
HSP	RCS	PA	5240	Clinical Pathophysiology III for the Physician Assistant	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: 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.								
HSP	RCS	PA	5241	Clinical Pathophysiology III for Physician Assistants	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: This course is the third course in a series of three courses in clinical pathophysiology. Focuses on the foundational content in physiologic and pathophysiologic processes as they relate to cell function, tissues, organs and organ systems in health and disease states. Systems/disorders covered in this course include cardiovascular, endocrine, genitourinary, renal, musculoskeletal, nervous, and rheumatologic.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5250	Clinical Pharmacology	Lecture	2	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: Admission to the Ohio University Physician Assistant Program								
			COURSE DESC:	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.								
HSP	RCS	PA	5260	Clinical Science for the Physician Assistant	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: Admission to the Ohio University Physician Assistant Program								
			COURSE DESC:	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.								
HSP	RCS	PA	5310	Patient Assessment I	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5110								
			COURSE DESC:	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.								
HSP	RCS	PA	5311	Patient Assessment I for Physician Assistants	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5110								
			COURSE DESC:	The first course in a series of two courses that provides the students with the foundational knowledge and clinical skills needed for obtaining and documenting culturally competent, comprehensive and problem focused medical histories and physical examinations for specific body systems. Body systems include head and neck (including the eyes, ears, nose, mouth, and throat), respiratory, integumentary, and gastrointestinal. Students also learn about the electronic health record and utilize this system for documentation of medical encounter notes.								
HSP	RCS	PA	5320	Patient Assessment II	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5310								
			COURSE DESC:	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.								
HSP	RCS	PA	5321	Patient Assessment II for Physician Assistants	Lecture	3	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5311								
			COURSE DESC:	The second course in a series of two courses that provides the students with the foundational knowledge and clinical skills needed for obtaining and documenting culturally competent, comprehensive and problem focused medical histories and physical examinations for specific body systems. Body systems include cardiovascular, lymphatic, endocrine, genitourinary, musculoskeletal and nervous. Students also learn about the electronic health record and utilize this system for documentation of medical encounter notes.								
HSP	RCS	PA	5330	Clinical Procedures for the Physician Assistant	Lecture	2	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5540								
			COURSE DESC:	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.								
HSP	RCS	PA	5410	Clinical Medicine I for Physician Assistants	Lecture	4	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5210								
			COURSE DESC:	The first in a series of four courses that focuses on the application of basic medical science for recognition, diagnosis, and management of commonly presenting conditions in clinical medicine. Systems presented in this course include eyes, ears, nose, throat, infectious disease, and respiratory.								
HSP	RCS	PA	5420	Clinical Medicine II for Physician Assistants	Lecture	5	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5210								
			COURSE DESC:	The second in a series of four courses that focuses on the application of knowledge for basic medical science for recognition, diagnosis, and management of commonly presenting conditions in clinical medicine. Systems and disorders discussed in the course include integumentary system, gastrointestinal system, hematologic disorders and oncologic disorders.								
HSP	RCS	PA	5430	Clinical Medicine III for Physician Assistants	Lecture	5	0		N	G40		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5420								
			COURSE DESC:	The third in a series of four courses that focuses on the knowledge of basic medical science for the recognition, diagnosis, and management of commonly presenting conditions in clinical medicine. Systems discussed in the course include cardiovascular, endocrine, genitourinary and renal.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5440	Clinical Medicine IV for Physician Assistants	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5420								
		COURSE DESC:		PR The fourth in a series of four courses that focuses on the application of knowledge of basic medical science for recognition, diagnosis, and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include musculoskeletal, rheumatologic and neurologic.								
HSP	RCS	PA	5511	Clinical Medicine I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5210								
		COURSE DESC:		PR 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.								
HSP	RCS	PA	5512	Clinical Medicine II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5210								
		COURSE DESC:		PR 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.								
HSP	RCS	PA	5513	Clinical Medicine III	Lecture	6	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5210								
		COURSE DESC:		PR 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.								
HSP	RCS	PA	5514	Clinical Medicine IV	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5210								
		COURSE DESC:		PR 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.								
HSP	RCS	PA	5550	Behavioral and Mental Health	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5250								
		COURSE DESC:		PR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5540								
		COURSE DESC:		PR 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5540								
		COURSE DESC:		PR 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 utilized 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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5540								
		COURSE DESC:		PR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5514								
		COURSE DESC:		PR 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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5514								
		COURSE DESC:		PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5930	Directed Studies for Physician Assistants	Ind Study	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Directed studies on physician assistant practice topics								
HSP	RCS	PA	6101	Clinical Rotation: Behavioral and Mental Health	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the behavioral and mental health setting under the direction of a qualified preceptor. The rotation will include experiences in an inpatient or outpatient behavioral or mental health setting for patients with emergent, acute, and chronic behavioral and mental health conditions.								
HSP	RCS	PA	6102	Clinical Rotation: Emergency Medicine	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the emergency medicine setting under the direction of a qualified preceptor. The rotation will include experiences in the emergency department setting for acute, chronic, and emergent conditions in patient populations across the life span.								
HSP	RCS	PA	6103	Clinical Rotation: Family Medicine	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the family medicine setting under the direction of a qualified preceptor. The rotation will include experiences in family medicine for preventive, emergent, acute, and chronic conditions in patient populations across the life span.								
HSP	RCS	PA	6104	Clinical Rotation: General Surgery	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the surgery setting under the direction of a qualified preceptor. The rotation will include experiences with acute, chronic, and emergent conditions that require surgical management and includes pre-operative, intra-operative and post-operative patient management.								
HSP	RCS	PA	6105	Clinical Rotation: Community Medicine	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		This rotation provides the physician assistant student a four week clinical experience in Community Medicine (Public Health) with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the community health center setting who require acute, chronic, and/or preventive care in patient populations across the life span.								
HSP	RCS	PA	6106	Clinical Rotation: Internal Medicine I	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the outpatient internal medicine setting under the direction of a qualified preceptor. The rotation will include experiences in outpatient internal medicine for preventive, emergent, acute, and chronic conditions in the adult and elderly population.								
HSP	RCS	PA	6107	Clinical Rotation: Internal Medicine II	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the inpatient internal medicine setting under the direction of a qualified preceptor. The rotation will include experiences in inpatient internal medicine for preventive, emergent, acute, and chronic conditions in the adult and elderly population.								
HSP	RCS	PA	6108	Clinical Rotation: Pediatric Medicine	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the pediatric medicine setting under the direction of a qualified preceptor. The rotation will include experiences in pediatric medicine for preventive, emergent, acute, and chronic conditions in infants, children, and adolescents.								
HSP	RCS	PA	6109	Clinical Rotation: Women's Health	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in the women's health setting under the direction of a qualified preceptor. The rotation will include experiences in women's health that include prenatal and gynecological care in the outpatient, inpatient or surgical setting for women who require preventive, emergent, acute or chronic medical care.								
HSP	RCS	PA	6110	Clinical Rotation - General Selective I	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5560						
		COURSE DESC:		The physician assistant student participates in a practical experience in a core clinical rotation or specialty selected by the student under the direct supervision of a qualified preceptor. The rotation experience is dependent on the selected rotation, but will include experience with patient evaluation, diagnosis, and management of the patient population of the selected specialty.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	6111	Clinical Rotation: General Selective II	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5560								
		COURSE DESC:		PR The physician assistant student participates in a practical experience in a core clinical rotation or specialty selected by the student under the direct supervision of a qualified preceptor. The rotation experience is dependent on the selected rotation, but will include experience with patient evaluation, diagnosis, and management of the patient population of the selected specialty.								
HSP	RCS	PA	6112	Clinical Rotation: Specialty Selective	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 5560								
		COURSE DESC:		PR The physician assistant student participates in a practical experience in a core clinical rotation or specialty selected by the student under the direct supervision of a qualified preceptor. The rotation experience is dependent on the selected rotation, but will include experience with patient evaluation, diagnosis, and management of the patient population of the selected specialty.								
HSP	RCS	PA	6113	Clinical Rotation: Critical Access Hospital	Clinical	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	Clinical	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	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	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.	Laboratory	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.	Lecture	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.	Laboratory	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.	Lecture	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.	Laboratory	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.	Lecture	3	0		I	G50		0
HSP	RCS	PT	6900	Special Topics in Physical Therapy GEC4: A-F, REQUISITE: Admission to the Residency Program and permission required CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G50		0
HSP	RCS	PT	7010	Anatomical Dissection for Physical Therapists GEC2: A-F, REQUISITE: Admission to the DPT program PR 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.	Laboratory	5	0		N	G50		0
HSP	RCS	PT	7010	Anatomical Dissection for Physical Therapists GEC2: A-F, REQUISITE: Admission to the DPT program PR 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.	Lecture	5	0		N	G50		0
HSP	RCS	PT	7011	Anatomical Dissection of the Extremities for PT GEC2: A-F, REQUISITE: Admission to the PT program PR 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.	Laboratory	5	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7011	Anatomical Dissection of the Extremities for PT	Lecture	5	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Laboratory	5	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	5	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7041	Clinical Skills and Examination II: Foundations	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7011 and PT 7012 and WARNING: No credit if taken after PT 7110								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7111								
		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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7111								
		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	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7111								
		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	Lecture	2	0		N	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	7300	Clinical and Professional Orientation in Physical Therapy	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7301	Clinical and Professional Orientation in Physical Therapy	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				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	7500	Neuroanatomy for Physical Therapists	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES:								
				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	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7521	Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy	Lecture	2	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7500 and PT 7510								
			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	Lecture	3	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7500 and PT 7510								
			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	Lecture	2	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7500 and 7510								
			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	Laboratory	4	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7520								
			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	Lecture	4	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7520								
			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	Lecture	2	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7521 and 7522								
			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	Lecture	3	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7521 and 7522								
			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	Laboratory	3	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7530								
			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	Lecture	3	0		N	G50		0
			ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7530								
			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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7650	Physical Therapy Management: Physical Agents	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, 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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, 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	7651	Physical Agents in Physical Therapy	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7710	Orthopedics I: Upper Quarter	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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	Lecture	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	Lecture	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	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7731	Foundations of Orthopedics for the Spine	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7721 and PT 7722							
				COURSE DESC:	PR 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	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7721 and PT 7722							
				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 spinal pain (sacroiliac joint, lumbar, thoracic, and cervical) or jaw 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	Laboratory	1 to 2	2		N	G50		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: PT 7030 and 7040							
				COURSE DESC:	PR, F 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	Seminar	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7400							
				COURSE DESC:	PR 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	Practicum	1	3		N	G50		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: PT 7301							
				COURSE DESC:	PR, F 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 Study	1 to 4	12		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: Admission to the DPT program							
				COURSE DESC:	PR 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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7130							
				COURSE DESC:	PR 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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7310 or 7311							
				COURSE DESC:	PR 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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 7310 or 7311							
				COURSE DESC:	PR 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	Lecture	5	0		N	G50		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PT 8330							
				COURSE DESC:	PR 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 contemporary 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.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8341	Synthesis of Professional Development in Physical Therapy	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8410	Physical Therapy Management of Pediatric Disorders	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8410	Physical Therapy Management of Pediatric Disorders	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8411	Foundations of Pediatric Physical Therapy	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8412	Clinical Applications for Pediatric Physical Therapy	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8500	Health Promotion and Wellness	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8510	Rehabilitation Management: Functional Support Mechanisms	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8610	Physical Therapy Advanced Evaluation and Treatment in Low Back Pain	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8610	Physical Therapy Advanced Evaluation and Treatment in Low Back Pain	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: 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	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7730								
				COURSE DESC: 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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7730								
				COURSE DESC: 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	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: 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	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: 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	8650	Sports Physical Therapy	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: Builds on previous orthopedic physical therapy courses by focusing on injuries encountered during various levels of athletic participation from Little League to Senior Olympics.								
HSP	RCS	PT	8650	Sports Physical Therapy	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: Builds on previous orthopedic physical therapy courses by focusing on injuries encountered during various levels of athletic participation from Little League to Senior Olympics.								
HSP	RCS	PT	8660	Physical Therapy Management of Women's Health	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: Integrates normal structure and function of the female urogenital system with normal events, such as pregnancy and menopause, as well as with pathophysiology such as incontinence and pelvic pain. Physical therapy assessment, diagnosis, and management will be emphasized.								
HSP	RCS	PT	8660	Physical Therapy Management of Women's Health	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7731 and 7732								
				COURSE DESC: Integrates normal structure and function of the female urogenital system with normal events, such as pregnancy and menopause, as well as with pathophysiology such as incontinence and pelvic pain. Physical therapy assessment, diagnosis, and management will be emphasized.								
HSP	RCS	PT	8740	Physical Therapy Seminar	Seminar	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7531 and 7532								
				COURSE DESC: Physical Therapy Seminar is designed to complement and expand on the basic knowledge and skills taught in the physical therapy course sequence. It includes a variety of special topics in physical therapy with emphasis on neurological and orthopedic patient problems. It combines information from previous courses and provides the student with the opportunity to critically analyze the literature with respect to evaluation and treatment paradigms for selected complex patient problems.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8760	Manual Therapy I	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7730 PR								
		COURSE DESC:		Various theories of manual therapy relative to extremity diagnoses are presented. Focuses on the treatment efficacy of each theory as it relates to physical therapy practice.								
HSP	RCS	PT	8760	Manual Therapy I	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7730 PR								
		COURSE DESC:		Various theories of manual therapy relative to extremity diagnoses are presented. Focuses on the treatment efficacy of each theory as it relates to physical therapy practice.								
HSP	RCS	PT	8761	Manual Therapy for the Extremities	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7731 and 7732 PR								
		COURSE DESC:		Various theories of manual therapy used in the clinical practice of physical therapy are explored. Treatments include soft tissue and joint mobilization and manipulation techniques. The course focuses on skill development.								
HSP	RCS	PT	8770	Manual Therapy II	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 8760 or 773 PR								
		COURSE DESC:		Various theories of manual therapy relative to spinal conditions are presented. Focuses on treatment efficacy relative to physical therapy practice.								
HSP	RCS	PT	8770	Manual Therapy II	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 8760 or 773 PR								
		COURSE DESC:		Various theories of manual therapy relative to spinal conditions are presented. Focuses on treatment efficacy relative to physical therapy practice.								
HSP	RCS	PT	8771	Manual Therapy for the Spine	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 8761 PR								
		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	Lecture	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	Lecture	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Various topics in physical therapy will be examined.								
HSP	RCS	PT	8902	Advanced Neuroscience Seminar	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7532 and 8761 PR								
		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	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 8411 and 8412 PR								
		COURSE DESC:		Provides additional knowledge and skills in selected areas of pediatric physical therapy.								
HSP	RCS	PT	8904	Orthopedics in Physical Therapy: Seminar	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PT 7731 and 7732 PR								
		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	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	8906	Amplitude Specific Training for Parkinson's Disease	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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.								
HSP	RCS	PT	8908	Advanced Balance and Vestibular Care in Physical Therapy	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	PT 7525						
		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	Practicum	5	10		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 7920 and completion of 50% of Professional Development portfolio hours						
		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	Practicum	10	20		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 8920						
		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	Practicum	6	0		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 8921						
		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	Practicum	6	0		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 8921						
		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	Practicum	12	24		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 8921						
		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	Research	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	PT 7400						
		COURSE DESC:		The student has a mentoring relationship with a faculty member concerning the student's chosen research topic.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	2000	Fundamentals in Child and Family Studies	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710 and 2720) and (child and family studies major) and Soph						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710 and 2720) and (child and family studies major) and Soph						
		COURSE DESC:		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	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	Ageing and Family Relations in Modern Society	Lecture	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 3420						
		COURSE DESC:		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	Lecture	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	CFS	2980	Introduction to Child Life and Field Experience	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710) and (child and family studies major)						
		COURSE DESC:		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	Practicum	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710) and (child and family studies major)						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710) and (child and family studies major)						
		COURSE DESC:		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	2990	Introduction to Child and Family Studies and Field Experience	Practicum	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710) and (child and family studies major)						
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	3601	Human Sexualities	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		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	3700X	The Business of Aging	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		This course explores the intersection of the health and aging services industry and the older adult population, with specific attention paid to how older adults experience and influence various mechanisms of commerce. Among the topics addressed are the impact of demographic trends, globalism, and diversity on the aging experience and how these phenomena influence various business activities such as product development, advertising, and workforce development. Topics are explored from the perspectives of multiple stakeholders, including consumers, caregivers, employers, product designers, community service providers, and policy makers.								
HSP	SPH	CFS	3800	Death, Dying and Bereavement	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		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	3810	Research Design and Program Evaluation	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2980 or 2990)						
		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	3920	Child and Family Studies Practicum	Practicum	4	8	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in CFS 2000 or 2100 or 2980 or 2990						
		COURSE DESC:		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	Seminar	4	8	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in CFS 2000 or 2100 or 2980 or 2990						
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in CFS 2720 and (Jr or Sr)						
		COURSE DESC:		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	Tutorial	3	0		I	U30		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	4600	Children, Families, and Diversity	Lecture	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 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	4602	Professional Assessment and Helping Skills	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in CFS 3920 & 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	4610	Dynamics in Parent-Child Relations	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
HSP	SPH	CFS	4670	Children, Families, Stress and Trauma	Lecture	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:		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	Lecture	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:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr)						
		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	4770	Professional Practices in Child Life	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr)						
		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	4780	Advanced Child Life	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 4760 & 4770) & Sr						
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	4900	Special Topics in Child and Family Studies	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (CFS 2980 and 2990)						
		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	4910	Child and Family Studies Internship	Internship	15	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and C or better in CFS 4602						
		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.								
HSP	SPH	CFS	4920	Child Life Practicum	Practicum	5	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CFS 4770						
		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	4930	Independent Study in Child and Family Studies	Ind Study	2 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Independent study under direction of faculty member in area of specialization.								
HSP	SPH	CFS	4950H	Honors Seminar in Child and Family Studies	Seminar	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		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	Tutorial	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		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	Tutorial	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Implementation of honors project or research in advancement of honors thesis.								
HSP	SPH	CFS	4990H	Honors Thesis in Child and Family Studies	Lecture	2 to 5	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Completion, oral defense, and presentation of honors thesis.								
HSP	SPH	CFS	5590	Child and Family Studies Course in International Service	Tutorial	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	5602	Professional Assessment and Helping Skills	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
HSP	SPH	CFS	5670	Children, Families, Stress and Trauma	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	5700X	The Business of Aging	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course explores the intersection of the health and aging services industry and the older adult population, with specific attention paid to how older adults experience and influence various mechanisms of commerce. Among the topics addressed are the impact of demographic trends, globalism, and diversity on the aging experience and how these phenomena influence various business activities such as product development, advertising, and workforce development. Topics are explored from the perspectives of multiple stakeholders, including consumers, caregivers, employers, product designers, community service providers, and policy makers.								
HSP	SPH	CFS	5710	Family Life Education	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	5760	Children and Families in Health Care Settings	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or Better CFS 6280 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in (CFS 5760 & 5770) 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	Internship	15	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required 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	5920	Child Life Practicum	Practicum	5	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required and CFS 5770 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 Study	2 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Independent study, advanced level, under direction of faculty member in area of specialization.								
HSP	SPH	CFS	6260	Graduate Seminar in Child and Family Studies	Lecture	2	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CFS major 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				PR 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	CFS	6700	Qualitative Methods for Children, Adults, and Families	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Research	1 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Independent investigation in one area of child and family studies.								
HSP	SPH	CFS	6950	Thesis	Thesis	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent research in one area of child and family studies.								
HSP	SPH	EH	2000	Introduction to Environmental Health and Safety	Lecture	3	0	2AS; AOTH	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EH	3100	Air, Waters and Wastes 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.	Lecture	3	0		N	U30		0
HSP	SPH	EH	3200	Health and the Built Environment 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.	Lecture	3	0		N	U30		0
HSP	SPH	EH	3300	Food Quality and Vector Control 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.	Lecture	3	0		N	U30		0
HSP	SPH	EH	4000	Environmental Health and Safety Risk Communication 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.	Lecture	3	6		N	U30		0
HSP	SPH	EH	4400	Occupational Safety and Health ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000 or OHS 2000 COURSE DESC: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focuses 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.	Lecture	3	0		N	U30		0
HSP	SPH	EH	4710	Environmental Risks and Society Benefits ELIGIBLE GRADES: GEC1: A-F REQUISITE: Sr only COURSE DESC: Reviews the historical record of the creation and use of potentially hazardous chemicals including legal and illegal drugs. Examines chemical accidents, questionable drug approval decisions, and public perception of chemicals in light of society needs and desires. Specifically focuses on the environmental public health risks and the societal benefits of chemical use. Perspectives from the media, business, and government are covered to enable students to critically evaluate the role that chemicals play in public health.	Lecture	3	0	3; CAP	N	U30		0
HSP	SPH	EH	4900	Special Topics - Environmental Health ELIGIBLE GRADES: GEC1: A-F REQUISITE: EH 2000 and (Jr or Sr) 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.	Seminar	3	0		N	U30		0
HSP	SPH	EH	4920	Environmental Health Practicum ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required and EH major and (Jr or Sr) PR 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.	Practicum	1 to 9	9	BLD	N	U30		0
HSP	SPH	EH	4930	Independent Study ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required and EH major PR COURSE DESC: Assignments and content will vary with each individual student.	Ind Study	1 to 6	6		I	U30		0
HSP	SPH	EH	5000	Environmental Health and Safety Risk Communication ELIGIBLE GRADES: GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G40		0
HSP	SPH	EH	5100	Air, Waters and Wastes ELIGIBLE GRADES: GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G40		0
HSP	SPH	EH	5200	Health and the Built Environment ELIGIBLE GRADES: GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G40		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EH	5300	Food Quality and Vector Control	Lecture	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	Lecture	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. Focuses 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	Lecture	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	Lecture	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	Seminar	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 Study	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	EVT	1000	Introduction to Environmental Engineering Technology	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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.								
HSP	SPH	EVT	1100	Environmental Engineering Instrumentation and Computation	Laboratory	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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.								
HSP	SPH	EVT	1100	Environmental Engineering Instrumentation and Computation	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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.								
HSP	SPH	EVT	1200	Introduction to Environmental Chemistry	Laboratory	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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.								
HSP	SPH	EVT	1200	Introduction to Environmental Chemistry	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EVT	1250	Hazwoper	Laboratory	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.								
HSP	SPH	EVT	1250	Hazwoper	Lecture	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.								
HSP	SPH	EVT	1400	Introduction to Air and Wastewater Pollution	Lecture	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.								
HSP	SPH	EVT	1900	Special Topics	Ind Study	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.								
HSP	SPH	EVT	1900	Special Topics	Lecture	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.								
HSP	SPH	EVT	1910	Internship/Practicum/Cooperative Education	Internship	1 to 5	0	BLD	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.								
HSP	SPH	EVT	2000	Site Investigation, Sampling, and Monitoring	Lecture	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.								
HSP	SPH	EVT	2000L	Site Investigation, Sampling, and Monitoring Laboratory	Laboratory	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.								
HSP	SPH	EVT	2100	Introduction to Health Physics	Laboratory	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.								
HSP	SPH	EVT	2100	Introduction to Health Physics	Lecture	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.								
HSP	SPH	EVT	2200	Fluid Mechanics	Laboratory	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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HSP	SPH	EVT	2200	Fluid Mechanics	Lecture	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.								
HSP	SPH	EVT	2400	Air Sampling and Analysis	Lecture	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.								
HSP	SPH	EVT	2400L	Air Sampling and Analysis Laboratory	Laboratory	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.								
HSP	SPH	EVT	2500	Analysis of Environmental Pollutants	Lecture	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.								
HSP	SPH	EVT	2500L	Analysis of Environmental Pollutants Laboratory	Laboratory	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.								
HSP	SPH	EVT	2600	Environmental Risk Assessment	Lecture	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.								
HSP	SPH	EVT	2900	Special Topics	Ind Study	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.								
HSP	SPH	EVT	2900	Special Topics	Lecture	1 to 15	15		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.								
HSP	SPH	EVT	2910	Internship/Practicum/Cooperative Education	Internship	1 to 5	24	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F 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.								
HSP	SPH	HLTH	2000	Introduction to Public Health	Lecture	3	0	2AS; ACNW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	HLTH	2020	Introduction to Health and Lifestyle Choices	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		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	2020C	Introduction to Health and Lifestyle Choices	Lecture	3	0	2AS; BLD	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	2030	Foundations in Health Education	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2000								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Presents basic pharmacology and toxicology of common drugs, alcohol, and tobacco and consequences of their abuse.								
HSP	SPH	HLTH	2050	Preventing HIV and STIs	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Holistic approach to stress management covering recognition of tension, physiological response, relaxation techniques, and individual stress profile.								
HSP	SPH	HLTH	2150	Violence in America	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	2230	Introduction to Appalachian Studies	Lecture	3	0	2CP; FIE	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	SPH	HLTH	2250	Long-Term Care Administration I	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 2000								
		COURSE DESC:		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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	2901	Health Aspects of Aging	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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 Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2970T	Public Health Tutorial	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2971T	Public Health Tutorial	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2971T	Public Health Tutorial	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2980T	Public Health Tutorial	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2980T	Public Health Tutorial	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2981T	Public Health Tutorial	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	2981T	Public Health Tutorial	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	HLTH	3100	Health Behavior Theory in Public and Community Health	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HLTH 2000 and 2030							
				Introduces students to the most commonly used models and theories in public health.								
HSP	SPH	HLTH	3150C	Community Engagement in Appalachian Health	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	IHS 2230 or EH 3040 or GEOG 3330 or SOC 3090 or HLTH 2000							
				Explore a variety of topics related to Appalachia such as social, environmental, and health issues both historical and present, the role that community engagement has played in shaping Appalachia today, and the various ways that the local community can shape health outcomes in Appalachia. Through twenty hours of service learning students will engage with the community to combine mutually beneficial community service with academic introspection, focusing on critical reflective thinking, and personal civic responsibility.								
HSP	SPH	HLTH	3160	Human Resources Management in Health Care	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HLTH 2170							
				Introduces students to human resources management practices and issues within health care organizations.								
HSP	SPH	HLTH	3250	Long Term Care Administration Core of Knowledge	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	CFS 2720 or concurrent							
				This course focuses on information related to all lines of service (Nursing Home Administration, Residential Care and Assisted Living, Home and Community Based Services) within long term care services and supports. This course is a fundamental building block that teaches the core of knowledge for all long term care services and supports.								
HSP	SPH	HLTH	3300	Community Health Epidemiology	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HLTH 2000 and (PSY 1110 or 2110) and (Jr or Sr)							
				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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	3350	Leadership and Management of Health Care Organizations 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.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	3400	Contemporary Problems in Health Care Organizations 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.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	3400J	Grant Writing for Public Health Sciences 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.	Lecture	3	0	1J; FAW	N	U30		0
HSP	SPH	HLTH	3450	School Health 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.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	3735	Introduction to Health Informatics 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.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	3850	Quality Improvement in Healthcare Organizations GEC1: A-F REQUISITE: HLTH 2170 COURSE DESC: This course focuses on the history of quality and quality improvement in U.S. healthcare organizations, quality improvement models (e.g. continuous quality improvement, six sigma, lean, and total quality management), and the impact of these models on health quality and patient outcomes in the U.S. This course also compares quality and quality improvement initiatives in the U.S. to other countries by analyzing successes and failures, policies, reimbursement methodologies, and population health statistics.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	3930	Independent Study 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.	Ind Study	1 to 5	10		I	U30		0
HSP	SPH	HLTH	3970T	Public Health Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Tutorial study for third-year Honors Tutorial students in Public Health.	Ind Study	1 to 12	12		N	U30		0
HSP	SPH	HLTH	3970T	Public Health Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Tutorial study for third-year Honors Tutorial students in Public Health.	Tutorial	1 to 12	12		N	U30		0
HSP	SPH	HLTH	3980T	Public Health Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Tutorial student for third-year Honors Tutorial students in Public Health	Ind Study	1 to 12	12		N	U30		0
HSP	SPH	HLTH	3980T	Public Health Tutorial GEC1: A-F REQUISITE: HTC COURSE DESC: Tutorial student for third-year Honors Tutorial students in Public Health	Tutorial	1 to 12	12		N	U30		0
HSP	SPH	HLTH	4050	Principles of Nursing Home Administration GEC1: A-F REQUISITE: HLTH 3250 or concurrent COURSE DESC: This course focuses on information and principles relating to Nursing Home Administration. The purpose of this course is to help students prepare for the nursing home administrators licensure exam. Theoretical, philosophical and practical aspects of long term care administration are discussed.	Lecture	3	0		N	U30		0
HSP	SPH	HLTH	4060	Principles of Nursing Home Administration Alternatives GEC1: A-F REQUISITE: HLTH 3250 or concurrent COURSE DESC: This course focuses on information and principles relating to alternative forms of delivery for long term care services and supports. This course emphasizes Residential Care and Assisted Living, and Home and Community Based Services.	Lecture	3	0		N	U30		0

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	4100	Program Planning and Implementation in Community Health	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3100 and 3300 and (Jr or Sr)								
		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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	3	0	BER	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	Lecture	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.								
HSP	SPH	HLTH	4665	Administrative Applications in Health Care Organizations	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 4210 and 4375 and 4445 and 4585 and Sr								
		COURSE DESC:		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.								
HSP	SPH	HLTH	4800	Applied Service Learning in Rural Community Health	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3400J and 4200 and Sr								
		COURSE DESC:		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.								
HSP	SPH	HLTH	4900	Special Topics in Health	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	4910	Internship in Health Services Administration	Internship	4 to 6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission Required and Jr or Sr and (HLTH 3160, HLTH 4210, and HLTH 4585)								
		COURSE DESC:		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.								
				This course meets the requirement of Bridges: Learning and Doing under BRICKS General Education.								
HSP	SPH	HLTH	4911	Community Health Services Internship	Internship	6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HLTH 3300 and 4100 and 4200 and Sr								
		COURSE DESC:		Participation in activities of official or voluntary public health agency. Supervision of experience to be done by agency personnel and University faculty.								
HSP	SPH	HLTH	4912	Community Health Field Experience	Field	1 to 5	5	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required and HLTH 2000 and (Jr or Sr)								
		COURSE DESC:		Observation and participation in activities of community health agency, medical facility, or program.								
HSP	SPH	HLTH	4914	Internship in Nursing Home Administration	Internship	8	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HLTH 4050 and Permission required								
		COURSE DESC:		This course provides a 600 hour field experience utilizing the operational skills necessary to manage a Nursing Home. Students work under the direct supervision of a Licensed Nursing Home Administrator and carry out assigned tasks, which may include, but are not limited to, the direct provision of care, development of programs, maintenance of systems, management of data, projects, plans of action, and other administrative tasks. Students will have optimal time and experience to integrate information learned throughout their academic experience and apply it in a Nursing Home Administration line of service setting.								
HSP	SPH	HLTH	4920	Practicum in Nursing Home Administration Alternatives	Practicum	6	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HLTH 3250 and Permission required								
		COURSE DESC:		This course provides a 400 hour field experience utilizing the operational skills necessary to manage a "Resident Care and Assisted Living", and/or "Home and Community Based Services" setting. Students work under the direct supervision of a long term care manager and carry out assigned tasks, which may include, but are not limited to, the direct provision of care, development of programs, maintenance of systems, management of data, projects, plans of action, and other administrative tasks. Students will have optimal time and experience to integrate information learned throughout their academic experience and apply it in a Resident Care and Assisted Living, and/or Home and Community Based Services setting.								
HSP	SPH	HLTH	4930	Independent Study	Ind Study	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		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.								
HSP	SPH	HLTH	4970T	Public Health Tutorial	Ind Study	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	4970T	Public Health Tutorial	Tutorial	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	Research	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	Tutorial	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	5300	Health Issues: U.S. Underserved Populations	Lecture	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	5850	Quality Improvement in Healthcare Organizations	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on the history of quality and quality improvement in U.S. healthcare organizations, quality improvement models (e.g. continuous quality improvement, six sigma, lean, and total quality management), and the impact of these models on health quality and patient outcomes in the U.S. This course also compares quality and quality improvement initiatives in the U.S. to other countries by analyzing successes and failures, policies, reimbursement methodologies, and population health statistics.								
HSP	SPH	HLTH	5900	Special Topics in Health	Lecture	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	Lecture	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 6720 or concurrent								
		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	6002	Program Evaluation in Rural Public Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course focuses on the fundamentals of health promotion program evaluation and research methods related to behavioral science and health education. The course emphasizes general evaluation and research methodology as applied to specific health program and health policy situations.								
HSP	SPH	HLTH	6010	Introduction to the U.S. Health Care Delivery System	Lecture	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	Lecture	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	6030	Leadership of Health Organizations	Lecture	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	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6060	Gerontechnology	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.								
HSP	SPH	HLTH	6130	Ageing and Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: Institutional framework and activities of various agencies promoting and maintaining health of people of community, state, and nation.							
HSP	SPH	HLTH	6280	Health Law	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6300	Epidemiology in Health Administration	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course focuses on the processes involved in strategic planning and marketing in health care organizations and explores community and health care needs assessments. This course serves as the capstone for the MHA program where students utilize strategic marketing design, analyze business scenarios, conduct feasibility studies, assess implementation strategies, and review evaluation methods in health care organizations.								
HSP	SPH	HLTH	6480	Ethical Issues in Health Care	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	6710	Public Health Concepts	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	The course 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 covered.							
HSP	SPH	HLTH	6740	Biostatistics in Public Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: MPH Major	PR 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	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: MPH Major	PR 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.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6770	Grant and Proposal Writing in Public Health	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 and MPH major								
		COURSE DESC:		PR 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	Lecture	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	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPH Major								
		COURSE DESC:		CR, PR 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.								
HSP	SPH	HLTH	6791	Chronic Disease Epidemiology, Prevention, and Control	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR The epidemiology of heart disease, hypertension, stroke, diabetes, cancer, chronic lung diseases, chronic neurologic disorders, and musculoskeletal diseases will be studied. Risk factors, extent, and modern public health approaches to prevention and control of major chronic diseases will be covered. The public health burden of chronic disease will also be discussed.								
HSP	SPH	HLTH	6795	Public Health Research and Evaluation	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HLTH 6730 and 6740 and admission to the MPH Program								
		COURSE DESC:		CR, PR Public Health Research and Evaluation is a theoretical and applied course on research methods. Students will critically review journal articles, create research questions, conduct comprehensive literature reviews, employ quantitative and qualitative research methods that fall within institutional review board parameters, and develop and execute a data analysis plan. Culmination of coursework will be individual oral presentation and mock journal article.								
HSP	SPH	HLTH	6800	Interprofessional Applications of Epidemiology	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Interprofessional applications of epidemiology to public health, health care, and health policy decision-making will be covered. Evidence-based public health and health care, a critical appraisal of health interventions, pharmacoepidemiology, nutritional epidemiology, social epidemiology, and other emerging issues in epidemiology will be discussed.								
HSP	SPH	HLTH	6802	Quantitative Methods in Health Research	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR The concepts of quantitative health research are discussed. Study designs, measures of disease frequency, screening, and validity and reliability of study results are covered. The concept of evidence-based patient care is studied. Applications of the probability theory and biostatistics to measurement of disease and risk factors are discussed.								
HSP	SPH	HLTH	6900	Special Topics in Health Sciences - Health	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics not covered in regular offerings in health administration and closely related fields.								
HSP	SPH	HLTH	6901	MPH Special Topics	Seminar	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MPH Major								
		COURSE DESC:		CR, PR 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	Internship	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission Required and HLTH 6710 and 6720 and 6730 and 6740								
		COURSE DESC:		CR, PR 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6911	Master of Public Health Integrative Learning Experience (MPH ILE)	Field	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and HLTH 6001, 6100, 6140, 6710, 6720, 6730, 6740, 6760, 6770, 6920, 6930, IHS 5300 & 5510								
		COURSE DESC:		The purpose of the integrative learning experience 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 Ohio University Master of Public Health 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	Applied Practice Experience	Practicum	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, 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	Practicum	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 Study	1 to 5	10		I	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	Thesis	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	Lecture	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
HSP	SPH	OHS	4000	Occupational Hygiene and Professions Sampling and Analysis	Laboratory	4	0		N	U30		0
		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.								
HSP	SPH	OHS	4000	Occupational Hygiene and Professions Sampling and Analysis	Lecture	4	0		N	U30		0
		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.								
HSP	SPH	OHS	4100	Toxicology for the Health Sciences	Lecture	3	0		N	U30		0
		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.								
HSP	SPH	OHS	4200	Industrial Ventilation with Laboratory	Laboratory	4	0		N	U30		0
		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.								
HSP	SPH	OHS	4200	Industrial Ventilation with Laboratory	Lecture	4	0		N	U30		0
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	OHS	4300	Laboratory Safety and Hygiene	Lecture	3	0		N	U30		0
		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.								
HSP	SPH	OHS	4400	Physical Hazards Evaluation and Control	Lecture	3	0		N	U30		0
		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.								
HSP	SPH	OHS	4500	Public Health Emergency Response	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: OHS 2000 or 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.								
HSP	SPH	OHS	4900	Special Topics in Occupational Hygiene and Professions	Lecture	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	4930	Independent Study	Ind Study	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: IH 2000 and IH major								
		COURSE DESC:		Allows a student to study occupational hygiene and professions topics independently under the supervision of an instructor.								
HSP	SPH	OHS	5000	Occupational Hygiene and Professions Sampling and Analysis	Laboratory	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5000	Occupational Hygiene and Professions Sampling and Analysis	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5100	Toxicology for the Health Sciences	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5200	Industrial Ventilation with Laboratory	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Methods of design, evaluation, and maintenance of such systems.								
HSP	SPH	OHS	5200	Industrial Ventilation with Laboratory	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5300	Laboratory Safety and Hygiene	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5400	Physical Hazards Evaluation and Control	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SPH	OHS	5500	Public Health Emergency Response	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Content integrates hazardous materials issues from the last century with evolving public health response requirements in the post-9/11 society.								

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HSP	SPH	OHS	5900	Special Topics in Occupational Hygiene and Professions	Lecture	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	Lecture	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 Study	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	4900	Special Topics in Social Work	Lecture	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	T3	4010	Climate Change and Public Health	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr and EH 2000, GEOG 2400, GEOL 2150, or PBIO 1030								
		COURSE DESC:		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	Lecture	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	Seminar	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	HST	1000	Introduction to Human Services Technology	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	SW	HST	1200	Crisis Intervention	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	SW	HST	1500	Behavior Management	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	SW	HST	1650	Intervention Strategies	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	SW	HST	1700	Group Dynamics	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
HSP	SW	HST	1750	Chemical Dependency	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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).								
HSP	SW	HST	1900	Case Management	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
HSP	SW	HST	2900	Special Topics Human Services Technology	Lecture	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Provides opportunity for students to explore topics of interest in structured courses developed as common interests arise. May be repeated.								
HSP	SW	HST	2921	Practicum I	Lecture	3	0		I	U20		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and 30 hours in HST						
		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.								
HSP	SW	HST	2921	Practicum I	Practicum	3	0		I	U20		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required and 30 hours in HST						
		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.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	HST	2922	Practicum II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HST 2921 PR, F								
		COURSE DESC:		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.								
HSP	SW	HST	2922	Practicum II	Practicum	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HST 2921 PR, F								
		COURSE DESC:		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.								
HSP	SW	HST	2980	Research in Human Services	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								
HSP	SW	SW	1000	Introduction to Social Work and Social Welfare	Lecture	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	SW	SW	2601C	Social Welfare Overview and Trends	Lecture	3	0	BLD	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	SW	SW	2900	Special Topics in Social Work	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
HSP	SW	SW	2970T	Social Work Honors Tutorial	Tutorial	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	SW	SW	2971T	Social Work Honors Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Individualized core tutorial for HTC students only.								
HSP	SW	SW	2980T	Social Work Honors Tutorial SW 3602	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial on social policy.								
HSP	SW	SW	2981T	Social Work Honors Tutorial	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Individualized core tutorial for HTC students only.								
HSP	SW	SW	3203	International Social Work and Social Welfare	Lecture	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	3213	Child Abuse and Neglect	Lecture	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	SW	SW	3233	Counseling Older Adults	Lecture	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	SW	SW	3243	Social Welfare Law	Lecture	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	SW	SW	3253	Understanding Management and Supervision in Social Work Agencies	Lecture	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	SW	SW	3263	Chemical Dependency	Lecture	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	SW	SW	3273	Mental Health and Social Work	Lecture	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	SW	SW	3283	Social Work in Health Care	Lecture	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.								
HSP	SW	SW	3293	Aging in American Society	Lecture	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	SW	SW	3602	Social Welfare Policy	Lecture	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	SW	SW	3701	Dynamics of Human Behavior	Lecture	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.								

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HSP	SW	SW	3801	Introduction to Social Work Practice Methods	Lecture	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	SW	SW	3870	Research Methods in Social Work	Lecture	3	0	BLD	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	SW	SW	3970T	Social Work Honors Tutorial SW 3801	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial parallels SW 3801.								
HSP	SW	SW	3980T	Social Work Honors Tutorial SW 3940	Tutorial	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								
HSP	SW	SW	4223	Child Welfare I	Lecture	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	SW	SW	4224	Child Welfare II	Lecture	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	SW	SW	4801	Social Work Practice I	Lecture	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	SW	SW	4802	Social Work Practice II	Lecture	3	0	3; CAP	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	SW	SW	4900C	Special Topics in Social Work	Lecture	1 to 15	999.99	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
HSP	SW	SW	4921	Field Seminar I	Seminar	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	4922	Field Seminar II	Seminar	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	SW	SW	4923	Field Practicum I	Practicum	6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F								
				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.								
HSP	SW	SW	4924	Field Practicum II	Practicum	6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F								
				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	SW	SW	4930	Independent Studies and Special Projects in Social Work	Ind Study	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	SW	SW	4970T	Social Work Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		HTC thesis.								
HSP	SW	SW	4980T	Social Work Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Final Social Work HTC								
HSP	SW	SW	5101	Social Work Orientation Seminar	Lecture	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	SW	SW	5203	International Social Work and Social Welfare	Lecture	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	SW	SW	5213	Child Abuse and Neglect	Lecture	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	SW	SW	5223	Child Welfare I	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	5224	Child Welfare II	Lecture	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	SW	SW	5233	Counseling Older Adults	Lecture	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	SW	SW	5243	Social Welfare Law	Lecture	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	SW	SW	5263	Chemical Dependency	Lecture	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	SW	SW	5273	Mental Health and Social Work	Lecture	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	SW	SW	5283	Social Work in Health Care	Lecture	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	SW	SW	5293	Aging in American Society	Lecture	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	SW	SW	5601	Social Welfare Policy and Services I:History of Social Welfare and Social Work	Lecture	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	SW	SW	5602	Social Welfare Policy and Services II: Special Topics in Social Welfare	Lecture	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	SW	SW	5701	Human Behavior in the Social Environment I: Human Development and Diversity	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Graduate Standing in Social Work (MS6600, MS6604)						
		COURSE DESC:		Applies the bio-psycho-social framework, life course perspective and systems theory to understanding human development and diversity.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	5702	Human Behavior in the Social Environment II: Social Work Theory and Applications	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	SW	SW	5801	Social Work Practice I: Foundations of Practice	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	SW 5921 or concurrent							
				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	SW	SW	5802	Social Work Practice II: Groups and Communities	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	SW 5801 and 5921 and (5922 concurrent)							
				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.								
HSP	SW	SW	5900	Special Topics in Social Work	Lecture	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	SW	SW	5900C	Special Topics in Social Work	Lecture	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	SW	SW	5921	Foundation Field I	Practicum	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:	SW 5801 or concurrent							
				PR, F								
				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	SW	SW	5922	Foundation Field II	Practicum	3 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE:	SW 5801 and 5921 and (SW 5802 concurrent)							
				PR, F								
				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 is 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 a social service agency. Requires 20 hours per week in a social agency.								
HSP	SW	SW	5930	Independent Study	Ind Study	1 to 3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Permission required							
				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	SW	SW	6101	The Rural Social Agency	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	SW	SW	6102	Integrative Seminar	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Graduate Standing in Social Work (MS6600, MS6604)							
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	6810	Advanced Social Work Assessment	Lecture	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	SW	SW	6811	Direct Practice with Children, Adolescents, and Groups	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Graduate Standing in Social Work (MS6600, MS6604, MS6606)								
		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	SW	SW	6812	Direct Practice with Adults, Families, and Communities	Lecture	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	SW	SW	6821	Social Work Administration	Lecture	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	SW	SW	6821	Social Work Administration	Research	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	SW	SW	6822	Designing Rural Services	Lecture	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	SW	SW	6822	Designing Rural Services	Research	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	SW	SW	6900	Special Topics in Graduate Social Work	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 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.								
		COURSE DESC:										
HSP	SW	SW	6921	Advanced Field Practicum I	Practicum	3 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Must complete the foundation year of the MSW Program or be admitted to Advanced Standing. PR, F								
		COURSE DESC:		This field practicum course assists 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. Occurs within the 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 specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.								
HSP	SW	SW	6922	Advanced Field Practicum II	Practicum	3 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: SW 6921 PR, F								
		COURSE DESC:		This field practicum course builds upon the skills acquired in the first field practicum course. Students continue to progressively build upon the substructure of knowledge, skills, values, and ethics of social work practice. Occurs 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. Within this framework, the specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	SW	6941	Social Work Research & Program Evaluation I	Lecture	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	SW	SW	6942	Social Work Research & Program Evaluation II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	SW 6941						
		COURSE DESC:		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.

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	HC	2300	Preparation for Intercultural Experience	Lecture	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	Student in the OHIO Honors program						
		COURSE DESC:		This course prepares students for study away/abroad opportunities by introducing them to general concepts associated with intercultural communication and competencies as well as more specific cultural information. It is intended to be a preliminary course for study-abroad experiences offered through the Honors Tutorial College.								
HTC	HTC	HC	2301	Culture, Environment and Community Engagement in Peru	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Students in Ohio Honors Program and (2.5 GPA or higher)						
		COURSE DESC:		This study-abroad course introduces students to the people and culture of the Andes through direct engagement with members of the community of Cusco. Students contribute to a community project in addition to exploring Cusco and nearby sites such as the Sacred Valley and Machu Piccu. To allow for more meaningful engagement on site, students study the culture and history of the region through texts and discussions prior to and during their time in Peru.								
HTC	HTC	HC	2400	Introduction to OHIO Honors	Discussion	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	OHIO Honors Program						
		COURSE DESC:		HC 2400 introduces students to the fundamental principles that will guide their experiences in the OHIO Honors Program. The course explores in depth the three pathways (community engagement, research & creative activity, and leadership) offered in the program, identifying relationships among them as well as the distinguishing features of each pathway. Class discussions, guest speakers, reflections, and out-of-class experiences prepare students to identify opportunities to enhance their education and curate a collection of curricular and co-curricular experiences that align with their interests, values, and goals.								
HTC	HTC	HC	2401	OHIO Honors Engagement Lab	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	OHIO Honors Program						
		COURSE DESC:		This project-based course provides students with an opportunity to explore the three OHIO Honors Program pathways - community engagement, research/creative activity, and leadership - in an applied context. Students are assigned to small, interdisciplinary groups, and each group works with a campus or community partner on a defined project over the course of the semester. In-class lectures focus on ethical approaches to each of the three pathways in addition to the theoretical foundations of experiential learning and interdisciplinarity.								
HTC	HTC	HC	2420	OHIO Honors Engagement Lab in Health & Social Sciences	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Students in the OHIO Honors Program and WARNING: No credit if taken after HC 2410						
		COURSE DESC:		This course uses interdisciplinary, team-based problem solving to introduce OHIO Honors students to the foundations of the three honors engagement pathways: leadership, community engagement, and research and creative activity. The activities and product align with a relevant university-related health and wellness initiative, as will be defined. Students work in an interdisciplinary team to research the campus context and needs related to the initiative topic, propose a relevant project, test and refine the proposal, and execute it. Lectures provide academic background on the topic and introduce students to a variety of problem-solving methods, such as evidence-based practice, systems thinking and design thinking, a creative, empathy-driven process for developing user-friendly solutions to everyday challenges people encounter. The lab sections guide students through the practical application of these problem-solving tools, help to explore ideas from lecture, and provide time and space for the team to work on the project.								
HTC	HTC	HC	2500	Honors Seminar	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Honors Seminar								
HTC	HTC	HC	2600	Introduction to Ethical Community Engagement	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	OHIO Honors Program						
		COURSE DESC:		This course introduces students to fundamental principles of ethical community engagement that begin with an understanding of how first to engage with a community through the identification and elevation of its assets. Students are asked to reflect on their perceptions of communities with which they have no previous relationships, encouraged to interrogate the factors that have influenced those perceptions, and challenged to expand their understanding of those communities through research and engagement with community members. Through that process of self-reflection, students also are challenged to consider ways of engagement that are mutually beneficial to themselves and their community partners. In addition, this class explores the tension associated with navigating structural and cultural differences to find common goals and create partnerships that facilitate the achievement of community partners' missions as well as academic expectations for the students.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	HC	2610	Introduction to Ethical Research and Creative Activity	Seminar	1	0		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2620	Introduction to Ethical Leadership	Seminar	1	0		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2900	Special Topics in Honors College	Seminar	3	9		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2905	Special Topics in OHIO Honors	Lecture	1 to 3	3		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2930	Honors Independent Reading	Ind Study	1 to 10	10		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2940	Research Apprenticeship	Research	1 to 3	12		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2950	Honors Tutorial College Colloquium	Seminar	1	8		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2970T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2971T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2980T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2981T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	3000J	Honors Thesis Writing and Research	Lecture	3	0	1J; FAW	N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	HC	3100	Analyzing and Constructing Personal Narratives	Lecture	1	0		N	U30		0
				ELIGIBLE GRADES:	GEC7: CR, F, NC			REQUISITE: Student in the OHIO Honors program				
				COURSE DESC:	This course introduces students to a variety of narrative theories and methodological approaches drawn from multiple academic disciplines, including psychology, rhetoric, anthropology, and literature. Students apply these theories in their analyses of personal essays, memoirs, autobiographies, and other examples of personal writing, as well as the construction of their own personal narratives.							
HTC	HTC	HC	3110	OHIO Honors Award and Graduate Education Launchpad	Lecture	1	0		N	U30		0
				ELIGIBLE GRADES:	GEC7: CR, F, NC			REQUISITE: Student in the OHIO Honors program				
				COURSE DESC:	This course introduces students to the preparation, research, and writing processes necessary to apply for nationally competitive academic awards, graduate school, and professional school. Students develop application materials, research appropriate opportunities, and learn how to present their skills and experiences effectively in applications and interviews.							
HTC	HTC	HC	3970T	Honors Tutorial	Tutorial	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.							
HTC	HTC	HC	3980T	Honors Tutorial	Tutorial	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.							
HTC	HTC	HC	4500	Cutler Scholars Colloquium	Seminar	1 to 6	999		N	U30		0
				ELIGIBLE GRADES:	GEC4: A-F, CR, PR			REQUISITE:				
				COURSE DESC:	Seminar for Cutler Scholars							
HTC	HTC	HC	4900	Special Topics in Honors College	Seminar	1 to 3	12		N	U30		0
				ELIGIBLE GRADES:	GEC3: A-F, CR			REQUISITE: HTC or OHP				
				COURSE DESC:	Selected Topics.							
HTC	HTC	HC	4930	Honors Independent Reading	Ind Study	1 to 6	999		N	U30		0
				ELIGIBLE GRADES:	GEC1: A-F			REQUISITE: HTC				
				COURSE DESC:	Honors Independent Readings							
HTC	HTC	HC	4950	OHIO Honors Capstone	Lecture	2	0		N	U30		0
				ELIGIBLE GRADES:	GEC6: CR, PR, F			REQUISITE: Students in OHIO Honors Program and senior standing				
				COURSE DESC:	This course guides students through the creation of a capstone portfolio or project that integrates and reflects the skills and knowledge gained through the curricular and co-curricular experiences associated with their participation in the OHIO Honors Program.							
HTC	HTC	HC	4970T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC1: A-F			REQUISITE: HTC				
				COURSE DESC:	Honors Tutorial thesis on an interdisciplinary topic.							
HTC	HTC	HC	4980T	Honors Tutorial	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:	GEC1: A-F			REQUISITE: HTC				
				COURSE DESC:	Honors Tutorial thesis on an interdisciplinary topic.							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	AKAN	1110	Elementary Twi (Akan) I	Lecture	4	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: not AKAN 1120								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Akan speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Akan speakers.								
INST	INST	AKAN	1110A	Honors Experience in Elementary Akan I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: AKAN 1110 concurrently and Ohio Honors Student								
		COURSE DESC:		NC Honors Experience in Elementary Akan I								
INST	INST	AKAN	1120	Elementary Twi (Akan) II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AKAN1110								
		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 Twi speakers.								
INST	INST	AKAN	1120A	Honors Experience in Elementary Akan II	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: AKAN 1120 concurrently & Ohio Honors Student								
		COURSE DESC:		NC Honors Experience in Elementary Akan II								
INST	INST	AKAN	2110	Intermediate Twi (Akan) I	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: AKAN 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 Twi speakers.								
INST	INST	AKAN	2120	Intermediate Twi (Akan) II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: TWI 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 Twi speakers.								
INST	INST	AKAN	2900	Special Topics in Akan	Lecture	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	AKAN	5110	Elementary Twi (Akan) I	Lecture	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 Twi speakers.								
INST	INST	AKAN	5120	Elementary Twi (Akan) II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AKAN 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 Twi speakers.								
INST	INST	AKAN	5210	Intermediate Twi (Akan) I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AKAN 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 Twi speakers.								
INST	INST	AKAN	5220	Intermediate Twi (Akan) II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: AKAN 5210 or TWI 305								
		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 Twi speakers.								
INST	INST	AKAN	5900	Special Topics in Akan	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Specific course content will vary with offering.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	GLC	1000	The Global Experience	Lecture	1	3		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Fr or Soph								
		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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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)	Laboratory	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)	Lecture	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	Laboratory	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	GLC	3020	Global Competition and Industry Trends	Laboratory	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	Lecture	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 Study	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	Internship	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	Research	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	Lecture	4	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: not HIND 1120								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Hindi-Urdu speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Hindi-Urdu speakers.								
INST	INST	HIND	1110A	Honors Experience in Elementary Hindi I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HIND 1110 concurrently & Ohio Honors Student NC								
		COURSE DESC:		Honors Experience in Elementary Hindi I								
INST	INST	HIND	1120	Elementary Hindi-Urdu II	Lecture	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	1120A	Honors Experience: Elementary Hindi II	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HIND 1120 concurrently and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in Hindi								
INST	INST	HIND	2110	Intermediate Hindi-Urdu I	Lecture	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	Lecture	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	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	HIND	5110	Elementary Hindi-Urdu I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: WARNING: no credit if HIND 512 PR								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Hindi-Urdu speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Hindi-Urdu speakers.								
INST	INST	HIND	5120	Elementary Hindi-Urdu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5110 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.								
INST	INST	HIND	5210	Intermediate Hindi-Urdu I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5120 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.								
INST	INST	HIND	5220	Intermediate Hindi-Urdu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HIND 5210 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.								
INST	INST	HIND	5900	Special Topics in Hindi-Urdu	Lecture	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 I	Lecture	4	0	2CP; BDP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after INDO 1120								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Indonesian speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Indonesian speakers.								
INST	INST	INDO	1110A	Honors Experience in Elementary Indonesian I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: INDO 1110 concurrently & Ohio Honors Student NC								
		COURSE DESC:		Honors Experience in Elementary Indonesian I								
INST	INST	INDO	1120	Elementary Indonesian II	Lecture	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 1110 and WARNING: No credit if taken after INDO 2120								
		COURSE DESC:		Second course of two-semester elementary level sequence.								
INST	INST	INDO	1120A	Honors Experience: Elementary Indonesian II	Internship	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: INDO 1120 concurrently and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in INDO 1120A								
INST	INST	INDO	2110	Intermediate Indonesian I	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 1120 and WARNING: No credit if taken after INDO 2120								
		COURSE DESC:		First course of two semester intermediate-level sequence.								
INST	INST	INDO	2120	Intermediate Indonesian II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 2110 and Warning: No credit if taken after INDO 3110								
		COURSE DESC:		Second course of two-semester intermediate-level sequence.								
INST	INST	INDO	2900	Special Topics in Indonesian	Lecture	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	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 2120 and WARNING: No credit if taken after INDO 3120								
		COURSE DESC:		Beginning course of advanced-level sequence.								
INST	INST	INDO	3120	Advanced Indonesian II	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 3110								
		COURSE DESC:		Final course of advanced-level sequence.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INDO	3930	Special Topics-Indonesian	Ind Study	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 language or literature.								
INST	INST	INDO	4900	Special Topics in Indonesian	Lecture	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 I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Warning: No credit if taken after INDO 5120 PR								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Indonesian speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Indonesian speakers.								
INST	INST	INDO	5120	Elementary Indonesian II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5110 and WARNING: No credit if taken after INDO 2110 PR								
		COURSE DESC:		Second course of two-semester elementary level sequence.								
INST	INST	INDO	5210	Intermediate Indonesian I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5120 and Warning: No credit if taken after INDO 5220 PR								
		COURSE DESC:		First course of two semester intermediate-level sequence.								
INST	INST	INDO	5220	Intermediate Indonesian II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5210 or (512 and 513) and Warning: No credit if taken after INDO 5310 PR								
		COURSE DESC:		Second course of two-semester intermediate-level sequence.								
INST	INST	INDO	5310	Advanced Indonesian I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5220 and WARNING: No credit if taken after INDO 5320 PR								
		COURSE DESC:		Beginning course of advanced-level sequence.								
INST	INST	INDO	5320	Advanced Indonesian II	Lecture	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	Lecture	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	5930	Special Topics-Indonesian	Ind Study	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.								
INST	INST	INST	1001	Cross Cultural Preparation for Study Abroad	Seminar	1	0		N	U10		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	1010	Understanding the World	Lecture	3	0	2CP	N	U10		20
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to international studies and global affairs, focused on key political, economic, and social forces and structures that shape the contemporary global order.								
INST	INST	INST	1011	Introduction to Diversity Studies	Seminar	3	0	2CP	N	U10		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	1100	Modern Africa	Lecture	3	0	2CP; PSBS	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	Lecture	3	0	2CP	N	U10		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	Lecture	3	0	2CP; PSBS	N	U10		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	Lecture	3	0	2CP; PSBS	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	Lecture	3	0		N	U30		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	2222C	Community-based Research and Service-learning in Ecuador	Lecture	3	0	2CP; BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Permission required. Previous volunteer experience recommended							
		COURSE DESC:		This class takes place in Ecuador and introduces students to the concept of service-learning within a cross-cultural and community-based context. Students learn about different models and philosophies of service-learning and work collaboratively on community-identified research and service projects in an under-resourced community in Ecuador. Students explore aspects of their cultural identities and Ecuadorian cultures while gaining an understanding of service-learning in local and international contexts. Students engage in critical thinking about cultural identity, community development, power, privilege, and how these themes relate to research and community development within the context of global service-learning as part of a multidisciplinary research initiative.								
INST	INST	INST	2222C	Community-based Research and Service-learning in Ecuador	Practicum	3	0	2CP; BLD	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: Permission required. Previous volunteer experience recommended							
		COURSE DESC:		This class takes place in Ecuador and introduces students to the concept of service-learning within a cross-cultural and community-based context. Students learn about different models and philosophies of service-learning and work collaboratively on community-identified research and service projects in an under-resourced community in Ecuador. Students explore aspects of their cultural identities and Ecuadorian cultures while gaining an understanding of service-learning in local and international contexts. Students engage in critical thinking about cultural identity, community development, power, privilege, and how these themes relate to research and community development within the context of global service-learning as part of a multidisciplinary research initiative.								
INST	INST	INST	2700	Social Media and Global Change	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Social media platforms are used for various purposes such as for networking, information gathering, and to organize social change movements around the world. This course critically explores theoretical and pragmatic aspects of social change campaigns focused on the issues of race, gender, health, politics, and global migration across various cultures.								
INST	INST	INST	2900	Special Topics in International Studies	Lecture	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	Tutorial	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	Tutorial	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	Tutorial	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								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	2981T	International Studies Non-Thesis Tutorial IV	Tutorial	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	Lecture	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	Lecture	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	3600	Global Citizen Journalism	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Citizen or participatory journalists are making differences throughout the world, enjoying some of the same exposure and reach as professional journalists working for traditional news outlets. INST3600/5600: Global Citizen Journalism will examine this social movement and place it in its real-world context. It will also help train and educate potential citizen journalists on how the journalism process works. On one hand, this course will serve as a media literacy primer, explaining how journalists choose their stories, sources, and reach their audience. On the other, it will help students understand how to take advantage of the information explosion the Internet has created to share their own stories and help combat the spread of 'fake news.'								
INST	INST	INST	3700	Global Governance	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		This course introduces students to the norms, practices, and structures underlying global collective order. It examines shifts from governments to governance in the management of international affairs, as well as the policy debates and coordination challenges these entail and the core theoretical concepts we use to understand them. How has increasing interdependence shaped the ways in which modern states and non-state actors identify and respond to collective goods and harms? The course begins with a consideration of new risks and rewards created by contemporary globalization in areas of security, aid and development, trade and finance, and human rights. We consider who 'wins' and 'loses' in the international system by addressing issues of power, authority, and legitimacy as well as the changing roles of states, formal and informal Institutions (e.g. The UN, WTO), NGOs, and transnational corporations. We conclude by examining the formation an 'international community' and assessing its capacity in responding to collective challenges such as poverty and inequality, trans- and sub-national political violence, economic regulation, cyber, energy, and environmental security, and humanitarian intervention.								
INST	INST	INST	3904	Special Topics in African Languages and Literature	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	3970T	International Studies Non-Thesis Tutorial V	Tutorial	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and HTC								
		COURSE DESC:		The tutorial will explore selected War and Peace Studies OR Area Studies topics.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	3980T	International Studies Non-Thesis Tutorial VI	Tutorial	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 (OR) War and Peace Elective courses								
INST	INST	INST	4001	Diversity and Democracy	Seminar	3	0	3; BDP; CAP	N	U30		25
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	One course in Tier II Social Sciences or Humanities OR One Pillar course in Social or Behavioral Sciences or Humanities and Sr only						
		COURSE DESC:		Synthesizes the fields of diversity, and our democratic society's promise for transformation and social change. Studies the social, philosophical, ideological, and historical foundations of diversity in the United States and internationally and asks how we can become transformative change agents in creating and sustaining a more diverse and global citizenry.								
INST	INST	INST	4900	Special Topics in International Studies	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
INST	INST	INST	4905	Special Topics in Advanced African Languages and Literature	Lecture	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	Internship	1 to 10	10	BLD	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	Lecture	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 Study	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	Seminar	3	0	3; CAP	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	4960	Global Problems, Local Solutions	Lecture	3	0	BSL; CAP	N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	INST 1010, or ANTH 1010, or GEOG 2400 or POLS 2500 and SR only						
		COURSE DESC:		In this course, students learn about complex global challenges that demand multiple and interdisciplinary solutions. These include human trafficking, challenges faced by refugees, climate change, loss of biodiversity, food insecurity and others. We use a global perspective to understand the extent of these problems, and focus our attention on how local communities around the planet come together to address them. As part of this consideration of human agency, we spend time learning about key local activists, their work, and the strategies they employ. We also evaluate ways in which the activities of such local communities can receive broader support. This course provides students with training on how to make effective oral presentations.								
INST	INST	INST	4970T	International Studies Thesis Tutorial I	Tutorial	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	Tutorial	1 to 10	999		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	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5100	Readings in African Studies	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	.5 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Comdev studies major only PR, F								
		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	Lecture	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	5500	Latin America Survey Through Literature	Lecture	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	5510	Introduction to Latin American Studies	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course provides graduate students with an introduction to the broad dimensions of Latin American Studies. It provides an overall perspective of the continent with the view to understanding similarities and differences in regional (and country-by-country) politics, history, cultures, social relations, and economy. Readings will be assigned to expose students to the current information on the topics above, write summaries of the critical points they provide, and come prepared to discuss the information in class with their peers. It is also intended to open up a space of interaction for students, the opportunity to meet regularly to exchange ideas about research, get feedback on their work, and explore together different academic and professionalizing opportunities.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5600	Global Citizen Journalism	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Citizen or participatory journalists are making differences throughout the world, enjoying some of the same exposure and reach as professional journalists working for traditional news outlets. INST3600/5600: Global Citizen Journalism will examine this social movement and place it in its real-world context. It will also help train and educate potential citizen journalists on how the journalism process works. On one hand, this course will serve as a media literacy primer, explaining how journalists choose their stories, sources, and reach their audience. On the other, it will help students understand how to take advantage of the information explosion the Internet has created to share their own stories and help combat the spread of 'fake news.'								
INST	INST	INST	5700	Global Governance	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course introduces students to the norms, practices, and structures underlying global collective order. It examines shifts from governments to governance in the management of international affairs, as well as the policy debates and coordination challenges these entail and the core theoretical concepts we use to understand them. How has increasing interdependence shaped the ways in which modern states and non-state actors identify and respond to collective goods and harms? The course begins with a consideration of new risks and rewards created by contemporary globalization in areas of security, aid and development, trade and finance, and human rights. We consider who 'wins' and 'loses' in the international system by addressing issues of power, authority, and legitimacy as well as the changing roles of states, formal and informal Institutions (e.g. The UN, WTO), NGOs, and transnational corporations. We conclude by examining the formation an 'international community' and assessing its capacity in responding to collective challenges such as poverty and inequality, trans- and sub-national political violence, economic regulation, cyber, energy, and environmental security, and humanitarian intervention.								
INST	INST	INST	5701	Professional Development in International Studies I	Seminar	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course introduces students to contemporary issues and challenges faced by an International Studies professional.								
INST	INST	INST	5702	Professional Development in International Studies II	Seminar	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				INST 5701 The course assists students in identifying appropriate professional opportunities in international studies and preparing for international studies related job interviews.								
INST	INST	INST	5900	Special Topics in International Studies	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Specific course content will vary with offering.								
INST	INST	INST	5901	Special Topics in Africa: Contemporary Issues in Africa	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR 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	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Thematic seminar on African issues current in the literature, media, and the arts.								
INST	INST	INST	5903	Special Topics in Africa	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR 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	Lecture	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required CR, PR 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	Lecture	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required CR, PR 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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	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.	Lecture	4	0		N	G40		0
INST	INST	INST	5913	Special Topics in Communications and Development: Research Tools for Development 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.	Lecture	4	8		N	G40		0
INST	INST	INST	5914	Special Topics in Communications and Development: Media Production and International Development 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	Lecture	4	8		N	G40		0
INST	INST	INST	5915	Special Topics in International Development Studies: Development Practice 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	Lecture	4	8		N	G40		0
INST	INST	INST	5916	Special Topics in International Development Studies: Health and International Development GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Development research examining environmental dimensions of international development.	Lecture	4	8		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	5917	Special Topics in International Development Studies	Lecture	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	5918	Special Topics in Latin American Studies: Contemporary Issues in Latin America	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		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.								
INST	INST	INST	5919	Special Topics in Latin American Studies: Latin American Culture Through Media	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Targets cultural analysis through interaction with a variety of media.								
INST	INST	INST	5921	Special Topics in Latin American Studies	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Addresses contemporary issues in the region.								
INST	INST	INST	6500	Research in War and Peace Studies	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Research in War and Peace Studies introduces graduate students to advanced research methods and approaches in War and Peace Studies, including case studies, archival research, process tracing, statistical methods and discourse analysis.								
INST	INST	INST	6900	Special Topics in International Studies	Lecture	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	6901	Special Topics in International Studies	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		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.								
INST	INST	INST	6902	Special Topics in International Studies	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		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.								
INST	INST	INST	6905	Special Topics in Advanced African Languages and Literature	Lecture	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	Internship	.5 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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	INST	6920	Communication & Development Service Learning Project	Practicum	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 Study	.5 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	Research	.5 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	Thesis	.5 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	Lecture	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	Lecture	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	Lecture	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.								
INST	INST	KHMR	2120	Intermediate Khmer II	Lecture	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	Lecture	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	KHMR	5110	Elementary Khmer I	Lecture	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 Khmer speakers.								
INST	INST	KHMR	5120	Elementary Khmer II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 5110 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 Khmer speakers.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	KHMR	5210	Intermediate Khmer I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 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 Khmer speakers.								
INST	INST	KHMR	5220	Intermediate Khmer II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 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 Khmer speakers.								
INST	INST	KHMR	5900	Special Topics in Khmer	Lecture	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	KIKU	1110	Elementary Kikuyu I	Lecture	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	Lecture	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	Lecture	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.								
INST	INST	KIKU	2120	Intermediate Kikuyu II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: KIKU 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 Kikuyu speakers.								
INST	INST	KIKU	2900	Special Topics in Kikuyu	Lecture	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	KIKU	5110	Elementary Kikuyu I	Lecture	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 Kikuyu speakers.								
INST	INST	KIKU	5120	Elementary Kikuyu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KIKU 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 Kikuyu speakers.								
INST	INST	KIKU	5210	Intermediate Kikuyu I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KIKU 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 Kikuyu speakers.								
INST	INST	KIKU	5220	Intermediate Kikuyu II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KIKU 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 Kikuyu speakers.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	KIKU	5900	Special Topics in Kikuyu	Lecture	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	MALA	1110	Elementary Malaysian I	Lecture	4	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Culture-based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Malaysian speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Malaysian speakers.								
INST	INST	MALA	1120	Elementary Malaysian II	Lecture	4	0	2CP	I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Second course of two semester, elementary-level sequence.								
INST	INST	MALA	2110	Intermediate Malaysian I	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 1120								
		COURSE DESC:		First course of two semester intermediate-level sequence of Malaysian.								
INST	INST	MALA	2120	Intermediate Malaysian II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 2110								
		COURSE DESC:		Second course of two-semester intermediate-level sequence of Malaysian.								
INST	INST	MALA	5110	Elementary Malaysian I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Culture-based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Malaysian speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Malaysian speakers.								
INST	INST	MALA	5120	Elementary Malaysian II	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Second course of two semester, elementary-level sequence.								
INST	INST	MALA	5210	Intermediate Malaysian I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 5120								
		COURSE DESC:		First course of two semester intermediate-level sequence of Malaysian.								
INST	INST	MALA	5220	Intermediate Malaysian II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MALA 5210								
		COURSE DESC:		Second course of two-semester intermediate-level sequence of Malaysian.								
INST	INST	SETS	1110	Elementary Setswana I	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	Lecture	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 Somali speakers.								
INST	INST	SOMA	1120	Elementary Somali II	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	SOMA	2120	Intermediate Somali II	Lecture	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	Lecture	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	SOMA	5110	Elementary Somali I	Lecture	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 Somali speakers.								
INST	INST	SOMA	5120	Elementary Somali II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 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 Somali speakers.								
INST	INST	SOMA	5210	Intermediate Somali I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 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 Somali speakers.								
INST	INST	SOMA	5220	Intermediate Somali II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SOMA 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 Somali speakers.								
INST	INST	SOMA	5900	Special Topics in Somali	Lecture	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	SUDN	1110	Elementary Sudanese Arabic I	Lecture	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.								
INST	INST	SUDN	1120	Elementary Sudanese Arabic II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	SUDN	5110	Elementary Sudanese Arabic I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5110 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 Sudanese Arabici speakers.								
INST	INST	SUDN	5120	Elementary Sudanese Arabic II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5110 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 Sudanese Arabici speakers.								
INST	INST	SUDN	5210	Intermediate Sudanese Arabic I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5120 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 Sudanese Arabic speakers.								
INST	INST	SUDN	5220	Intermediate Sudanese Arabic II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 5210 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 Sudanese Arabic speakers.								
INST	INST	SUDN	5900	Special Topics in Sudanese	Lecture	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	Lecture	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.								
INST	INST	THAI	1110	Elementary Thai I	Lecture	4	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Thai speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Thai speakers.								
INST	INST	THAI	1110A	Honors Experience in Elementary Thai I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: THAI 1110 concurrently & Ohio Honors Student NC								
		COURSE DESC:		Honors Experience in Elementary Thai I								
INST	INST	THAI	1120	Elementary Thai II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	1120A	Honors Experience in Elementary Thai II	Internship	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: THAI 1120 concurrently and Ohio Honors student NC								
		COURSE DESC:		OHIO Honors curricular experience in THAI 1120A.								
INST	INST	THAI	2110	Intermediate Thai I	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	2120	Intermediate Thai II	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAI 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 Thai speakers.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	THAI	2900	Special Topics in Thai	Lecture	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	THAI	3110	Advanced Thai I	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	3120	Advanced Thai II	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	4900	Special Topics in Thai	Lecture	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	THAI	5110	Elementary Thai I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Thai speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Thai speakers.								
INST	INST	THAI	5120	Elementary Thai II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	5210	Intermediate Thai I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	5220	Intermediate Thai II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 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 Thai speakers.								
INST	INST	THAI	5310	Advanced Thai I	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5220								
		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 Thai speakers.								
INST	INST	THAI	5320	Advanced Thai II	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5310 or (531 and 532)								
		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 Thai speakers.								
INST	INST	THAI	5900	Special Topics in Thai	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	VIET	1120	Elementary Vietnamese II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	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.								
INST	INST	VIET	5120	Elementary Vietnamese II	Lecture	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	Lecture	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	Lecture	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	Lecture	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	Lecture	4	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: no credit if WOL 1120								
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Wolof speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Wolof speakers.								
INST	INST	WOL	1110A	Honors Experience in Elementary Wolof I	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: WOL 1110 concurrently & Ohio Honors Student								
		COURSE DESC:		NC Honors Experience in Elementary Wolof I								
INST	INST	WOL	1120	Elementary Wolof II	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	WOL	1120A	Honors Experience in Elementary Wolof II	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, NC	REQUISITE:	WOL 1120 concurrently & Ohio Honors Student						
		COURSE DESC:		Honors Experience in Elementary Wolof II								
INST	INST	WOL	2110	Intermediate Wolof I	Lecture	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	Lecture	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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
INST	INST	WOL	5110	Elementary Wolof I	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	WARNING: no credit if WOL 5120						
		COURSE DESC:		Culture based approach to increased language proficiency designed to foster openness toward, empathy for, and curiosity about Wolof speakers. Students continue to develop listening, reading, speaking, and writing skills as they study the diverse history and customs of Wolof speakers.								
INST	INST	WOL	5120	Elementary Wolof II	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	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 Study	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	Seminar	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	Lecture	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	Lecture	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	Practicum	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	Research	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6001	Clinical Anatomy Immersion	Laboratory	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	Lecture	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	Laboratory	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	Laboratory	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	Laboratory	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	Laboratory	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	Laboratory	6	12		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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	6010	Musculoskeletal	Lecture	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	Health Systems Science 3	Laboratory	8	16		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	Laboratory	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	Laboratory	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	Lecture	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	6020	Infection and Immunity	Lecture	4	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students							
				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. 							

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OST	OST	OCOM	6025	Cardiovascular	Lecture	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students								
		COURSE DESC:		The goals of this six-week Cardiovascular course are to: 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	6030	Respiratory	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	6050	Narrative Medicine for Social Justice and Inclusion 1: Open Book Project	Seminar	1	2		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:								
		COURSE DESC:		The first course of the Open Book Project elective series explores issues of social justice and inclusion in medicine. Grounded in Rita Charon's (2007, 2017) narrative medicine methodology, the Open Book Project elective (OBP1) introduces preclinical medical students to a unique framework for understanding, interpreting and interacting with the lived experiences of others; skills and techniques for empathy building, self-reflection, and connecting to others at a deeper, humanistic level; and an approach to clinical practice in which narrative sensibilities inform how physicians listen to and provide care to their patients. Through practice in the process of close reading, radical listening and expressing our own stories, narrative medicine facilitates relationship building and a deeper understanding of physicians and patients alike. Students will participate in two sessions of Visual Thinking Strategies (VTS) led by staff of the Kennedy Art Museum.								
OST	OST	OCOM	6051	Narrative Medicine for Social Justice and Inclusion 2: Open Book Project	Seminar	1	2		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: OCOM 6050								
		COURSE DESC:		The Open Book Project (OBP2) elective course builds upon the skills introduced in OBP1 while focusing on issues of social justice and inclusion in medicine. The Open Book Project elective (OBP2) deepens and expands preclinical medical students narrative medicine skills of close reading, radical listening and expressing their own stories. Students will engage with new selections of art, poetry, prose, and other works. Students will participate in one session of Visual Thinking Strategies (VTS) led by staff of the Kennedy Art Museum.								

**MASTER CURRICULUM FILE
COURSE LISTING
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OST	OST	OCOM	6052	Narrative Medicine for Social Justice and Inclusion3: Open Book Project	Seminar	1	2		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: (OCOM 6050 and OCOM 6051) PR, F								
		COURSE DESC:		The Open Book Project (OBP3) elective course builds upon the skills introduced in OBP1 and OBP2 (prerequisites) while maintaining a focus on issues of social justice and inclusion in medicine. The Open Book Project elective (OBP3) expects students to apply and demonstrate narrative competencies and develop group leadership skills. During the OBP3 students have the opportunity to author and facilitate sessions that apply the principles of narrative medicine learned in OBP1 and OBP2 focused on issues of social justice and inclusion. This course draws upon content in the Chronic Illness course, asking them to apply a narrative lens and, in this way, augments the clinical content delivered during their second year curriculum. Students will participate in one session of Visual Thinking Strategies (VTS) led by staff of the Kennedy Art Museum.								
OST	OST	OCOM	6052X	The Open Book Project 3: A Narrative Medicine Program for Social Justice & Inclusion	Lecture	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		The Open Book Project 3 is a pilot course dedicated to improving participants' narrative medicine skills while exploring issues of social justice and inclusion. Narrative medicine is a burgeoning field that provides techniques and strategies for professionals to harness the power of stories in clinical encounter. It is important for student doctors to develop humanistic skills, such as empathy and perspective taking. Through the process of close reading, radical listening and expressing our own stories, narrative medicine facilitates relationship building and a deeper understanding of physicians and patients alike.								
OST	OST	OCOM	6080	Clinical Skills 1	Laboratory	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	Laboratory	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	6082X	Osteopathic Manipulative Medicine Skills I	Laboratory	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		This sixteen week course is the first in a series focusing on the fundamentals of interviewing patients for medical history 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 (OMM) labs. Instructor expectations of the student are specified by a list of explicit OMM learning topics.								

**MASTER CURRICULUM FILE
COURSE LISTING
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OST	OST	OCOM	6090	Clinical Skills 2	Laboratory	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	Lecture	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Specific course content will vary with offering.								
OST	OST	OCOM	7000	Neurology	Lecture	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	Laboratory	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F								
		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 - Return to Wellness	Laboratory	12	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F								
		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.								

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COURSE LISTING
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OST	OST	OCOM	7005	Eyes, Ears, Nose and Throat (EENT)	Lecture	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	Seminar	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	Laboratory	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	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F								
		COURSE DESC:		The fifth in a series of seven 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 Care Coordination and Navigation. They will engage with Care Coordinators, nurse managers and other interprofessionals. Using population health skills from Health systems science training, students will engage patients across the care continuum to work towards disease management, outcome improvement and return to wellness.								
OST	OST	OCOM	7009	Longitudinal Integrated Clerkship 6	Laboratory	4	8		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 become leaders in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, patient-centered medical home practice, as well as in the community and in community agency management.								

**MASTER CURRICULUM FILE
COURSE LISTING
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OST	OST	OCOM	7010	Psychiatric	Lecture	3	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	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	7012	Health Systems Science 4	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only						
		COURSE DESC:		This is the fourth of seven courses in Health Systems Science and serves as additional coursework across the UME curricula in health systems. We focus on population health management across multiple contexts, medical and otherwise. Activities include employing Electronic Health Records to manage population-level data, understand the connections between that data and payment, as well as perspectives from payers about information exchange. Students also hear from experts about U.S. health systems history, community development impact on health and equity, public health approaches to populations, and patient advocacy. They address the public and population through the creation of a community-oriented project addressing a high-risk health population.								
OST	OST	OCOM	7013	Health Systems Science 5	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Heritage College students only						
		COURSE DESC:		This is the fifth of five courses in Health Systems Science and serves as framework for additional coursework across the UME curricula in health systems, which is incorporated into a combined course in clinical and health systems medicine. We focus on population health management across multiple contexts, medical and otherwise. Activities include employing Electronic Health Records to manage population-level data, understanding the connections between that data and payment, and describing the concurrent financial management practices used in complex delivery systems. Students also hear from experts about the history of community development, the intersection of behavioral health and criminal justice, as well as the role and function of ethics in clinical settings. They will address public and population health through the construction of a community orientated project addressing a high-risk health population leveraging the skills and knowledge developed over the course of the program in quality improvement, systems thinking and community based organizations and population medicine.								
OST	OST	OCOM	7015	Endocrinology and Metabolism	Lecture	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	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.								
OST	OST	OCOM	7020	Obstetrics and Gynecology	Lecture	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	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.								
OST	OST	OCOM	7025	Pediatrics	Lecture	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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7035	Geriatrics	Lecture	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, 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	Laboratory	7	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, 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>							
OST	OST	OCOM	7085	Clinical Skills 4	Laboratory	8	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students							
				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. <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>							
OST	OST	OCOM	7110	Osteopathic Manipulative Medicine Honors 1	Laboratory	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	This course is the first in a series of two courses available to 2nd year osteopathic medical students. This course provides 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. This course is designed to assist student in developing their teaching skills, including supervising the progressing of their 1st year students and by doing so will allow the students to deepen their understanding and refine their palpatory skills. Additionally, students will have the opportunity to evaluate articles relevant to the osteopathic philosophy, principles and practices and to learn new diagnostic and therapeutic skills beyond the standard OMM preclinical courses.							
OST	OST	OCOM	7110	Osteopathic Manipulative Medicine Honors 1	Lecture	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	This course is the first in a series of two courses available to 2nd year osteopathic medical students. This course provides 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. This course is designed to assist student in developing their teaching skills, including supervising the progressing of their 1st year students and by doing so will allow the students to deepen their understanding and refine their palpatory skills. Additionally, students will have the opportunity to evaluate articles relevant to the osteopathic philosophy, principles and practices and to learn new diagnostic and therapeutic skills beyond the standard OMM preclinical courses.							

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7115	Osteopathic Manipulative Medicine Honors 2	Laboratory	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing PR, F								
		COURSE DESC:		- This course is the second in a series of two courses available to 2nd year osteopathic medical students. This course provides 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. This course is designed to assist student in developing their teaching skills, including supervising the progressing of their 1st year students and by doing so will allow the students to deepen their understanding and refine their palpatory skills. Additionally, students will have the opportunity to evaluate articles relevant to the osteopathic philosophy, principles and practices and to learn new diagnostic and therapeutic skills beyond the standard OMM preclinical courses.								
OST	OST	OCOM	7115	Osteopathic Manipulative Medicine Honors 2	Lecture	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing PR, F								
		COURSE DESC:		- This course is the second in a series of two courses available to 2nd year osteopathic medical students. This course provides 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. This course is designed to assist student in developing their teaching skills, including supervising the progressing of their 1st year students and by doing so will allow the students to deepen their understanding and refine their palpatory skills. Additionally, students will have the opportunity to evaluate articles relevant to the osteopathic philosophy, principles and practices and to learn new diagnostic and therapeutic skills beyond the standard OMM preclinical courses.								
OST	OST	OCOM	7200	Clinical Skills Capstone Experience	Lecture	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	Clinical	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	Clinical	6	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 customized to prepare the student for success in Years 3 and 4. The student will learn Basic and Advanced Cardiac Life Support for clinicians and will complete the necessary skill check offs to become certified by the American Heart Association. Students will participate in a skills camp to prepare them for the clinical skills necessary for success in Years 3 and 4.								
OST	OST	OCOM	7920	Primary Care Associateship in Osteopathic Manipulative Medicine	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Successful completion of OMS years one and two including passage of COMLEX level 1. Successful academic progress in OMS year 3. PR, F								
		COURSE DESC:		The Primary Care Associateship (PCA) in Osteopathic Manipulative Medicine (OMM) is a competitive undergraduate immersion in academic medicine. During their term of service, PCAs function as integral members of the Department of OMM assisting with all phases of department operations including teaching, facilitation, assessment, tutoring, and mentorship of preclinical medical students. In addition, students complete a structured faculty development and physician leadership program, advance scholarly work, and develop clinical skills in osteopathic manipulative medicine and specialty areas of interest. Teaching activities, clinical experiences and research options are contracted with the instructor to align PCA learning needs with the curricular needs of the College. The associateship program is designed to promote interest in osteopathic medical education, osteopathic clinical practice, and to support the ongoing development of selected students as leaders within their communities.								
OST	OST	OCOM	7921	Primary Care Associateship in Family Medicine	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Successful completion of OMS years one and two including passage of COMLEX level 1. Successful academic progress in OMS year 3. PR, F								
		COURSE DESC:		The Primary Care Associateship (PCA) in Family Medicine is a competitive undergraduate immersion in academic medicine. During their term of service, PCA's function as integral members of the Department of Primary Care, assisting with all phases of department operations including teaching, assessment, facilitation, tutoring, and mentorship of preclinical medical students. In addition, students complete a structured faculty development and physician leadership program, advance scholarly work, and develop clinical skills in osteopathic primary care and specialty areas of interest. Teaching activities, clinical experiences and research options are contracted with the instructor to align PCA learning needs with the curricular needs of the College. The associateship program is designed to promote interest in osteopathic medical education, osteopathic primary care practice, and to support the ongoing development of selected students as leaders within their communities.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	7922	Primary Care Associateship in Preventive Medicine/Public Health	Practicum	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	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Successful completion of OMS years one and two including passage of COMLEX level 1. Successful academic progress in OMS year 3.								
		COURSE DESC:		The Primary Care Associateship (PCA) in Osteopathic Manipulative Medicine (OMM) and Family Medicine is a competitive undergraduate immersion in academic medicine. During their term of service, PCA's function as integral members of the Departments of Primary Care and OMM, assisting with all phases of department operations including teaching, assessment, facilitation, tutoring, and mentorship of preclinical medical students. In addition, students complete a structured faculty development and physician leadership program, advance scholarly work, and develop clinical skills in primary care, osteopathic manipulative medicine and specialty areas of interest. Teaching activities, clinical experiences and research options are contracted with the instructor to align PCA learning needs with the curricular needs of the College. The associateship program is designed to promote interest in osteopathic medical education, osteopathic primary care practice, and to support the ongoing development of selected students as leaders within their communities.								
OST	OST	OCOM	7930	Directed Studies in Pre-clinical Osteopathic Medicine	Ind Study	1 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	Research	1	0		I	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	7944	Elective - Preclinical Research Series Original Research	Research	1 to 4	16		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College student, permission required								
		COURSE DESC:		The purpose of this course is to provide the student with an opportunity to develop and enhance their knowledge and skills at the level of a beginning to intermediate researcher. The student, under the guidance of their research mentor, designs and execute an original research project as part of their preclinical medical training.								
				Original research is designed specifically to allow a flexible approach for students to obtain first-hand experience on the design, development, and/or completion of activities that span a range of research topics, including but not limited to: basic science, clinical science, human subjects/patient based research, epidemiology, and health systems science.								
OST	OST	OCOM	8000	Osteopathic Primary Care Clerkship	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Lecture	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Clinical	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8005	Family Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Family Medicine is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in family medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				Throughout this course, students work to acquire and demonstrate the foundational knowledge and basic skills necessary to practice family medicine. They explore the attitudes and behaviors that enable excellent patient care, consider the principles underlying this field and discuss the value of family medicine as an integral part of any health system.								
OST	OST	OCOM	8007	Longitudinal Integrated Clerkship 7	Laboratory	4	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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 become leaders in health care delivery science, population health, communications, health care team leadership, health information technology and analytics, patient-centered medical home practice, as well as in the community and in community agency management.								
OST	OST	OCOM	8008	Longitudinal Integrated Clerkship 8	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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.								
OST	OST	OCOM	8010	Family Medicine	Clinical	8	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	8015	General Internal Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Internal Medicine is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in internal medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students perform comprehensive evaluations of patients and develop differential diagnoses and treatment plans for the most common adult patient illnesses, using a team-based approach to patient care. Students also explore clinical situations and patient presentations that are relevant to internal medicine.								
OST	OST	OCOM	8020	Emergency Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	8025	Pediatric Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Pediatrics is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in pediatric medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students perform comprehensive physical exams, calculate fluids and medications, and identify common pediatric diseases and emergencies. Furthermore, students practice communication skills, care of the special needs patient, pediatric osteopathic manipulative treatment, and explore health care systems.								
OST	OST	OCOM	8030	Geriatric Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8035	Obstetrics and Gynecology	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Obstetrics and Gynecology is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in obstetrics and gynecology through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students review the basic principles and practices of obstetrics and gynecology. Students also explore the management of medical concerns specific to women, including the normal physiologic changes throughout their lifespan, as well as the pathophysiology of obstetric and gynecologic disease.								
OST	OST	OCOM	8040	Pediatrics	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	8045	Emergency Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Emergency Medicine is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in emergency medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students participate in the assessment and treatment of emergency department patients. Students gain exposure to patient presentations and pathology that range from minor to life-threatening, refine H&P techniques, verbal presentation and procedural skills, and gain an appreciation for the role of the emergency department in the health care system.								
OST	OST	OCOM	8050	Women's Health	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	8055	Psychiatric Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Psychiatry is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in psychiatric medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students demonstrate and apply key concepts in the identification, clinical assessment, and treatment of common psychiatric disorders.								
OST	OST	OCOM	8060	Psychiatry	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	8065	General Surgical Medicine	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		General surgery is a four-week blended course that integrates biomedical, social, osteopathic, clinical, and health systems science into the clinical learning environment experience. Educational activities rely on the application and integration of foundational concepts in surgical medicine through faculty- and learner-directed study. Additionally, course topics are reinforced through rotation-specific clinical experiences.								
				In this course, students perform comprehensive evaluations of patients and develop differential diagnoses and treatment plans for the most common surgical conditions, including preoperative to postoperative care. Students also explore clinical situations, patient presentations, and common complications that are relevant to the surgical specialty.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8070	Palliative Care	Clinical	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	Clinical	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	Clinical	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.								
OST	OST	OCOM	8102	Internal Medicine Subspecialty - Allergy/Immunology	Clinical	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 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	Clinical	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 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	Clinical	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 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	Clinical	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 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	Clinical	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 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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8107	Internal Medicine Subspecialty - Hematology	Clinical	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	Clinical	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	8109	Internal Medicine Subspecialty - Infectious Disease	Clinical	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, 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	Clinical	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	8111	Internal Medicine Subspecialty - Oncology	Clinical	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	8112	Internal Medicine Subspecialty - Pulmonology	Clinical	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	8113	Internal Medicine Subspecialty - Rheumatology	Clinical	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8114	Internal Medicine Subspecialty - Sports Medicine	Clinical	4 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				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	Clinical	4 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				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	8116	Internal Medicine Subspecialty - General Internal Medicine	Clinical	4 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				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	Clinical	2	0		N	M60		0
				ELIGIBLE GRADES:								
				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	Clinical	4 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8119	Internal Medicine Subspecialty - Hospice and Palliative Medicine	Clinical	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								
OST	OST	OCOM	8120	Osteopathic Medicine, Manipulation and Principles 3A	Lecture	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Third year Heritage College medical student. PR, F								
		COURSE DESC:		Osteopathic Medicine, Manipulation and Principles 3A is a blended course that teaches students to incorporate osteopathic principles and practice into care of patients in hospitalized or ambulatory settings. Educational activities rely on the application and integration of foundational concepts of osteopathic medicine in both small and large group settings. Students are expected to participate in large group learning sessions and then demonstrate both osteopathic integration and manipulative skills related to specific patient presentations while in a small group lab setting.								
OST	OST	OCOM	8125	Osteopathic Medicine, Manipulation and Principles 3B	Lecture	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: OCOM 8120 PR, F								
		COURSE DESC:		Osteopathic Medicine, Manipulation and Principles 3B continues OCOM 8120 as a blended course that teaches students to incorporate osteopathic principles and practice into care of patients in hospitalized or ambulatory settings. Educational activities rely on the application and integration of foundational concepts of osteopathic medicine in both small and large group settings. Student are expected to participate in large group learning sessions and then demonstrate both osteopathic integration and manipulative skills related to specific patient presentations while in a small group lab setting.								
OST	OST	OCOM	8140	General Surgery	Clinical	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	Clinical	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 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	Clinical	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	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8144	Selective Surgery - Cardiothoracic	Clinical	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	8145	Selective Surgery - Neurological	Clinical	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	8146	Selective Surgery - Obstetrics and Gynecology	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8150	Selective Surgery - Plastic and Reconstructive	Clinical	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	Clinical	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	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8153	Selective Surgery - Urology	Clinical	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	Clinical	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	8200	Elective - Anesthesiology	Clinical	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	Clinical	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	Clinical	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.								
OST	OST	OCOM	8203	Elective - Cardiology	Clinical	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	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8205	Elective - Dermatology	Clinical	4 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 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	Clinical	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	8207	Elective - Emergency Medicine	Clinical	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	8208	Elective - Family Medicine	Clinical	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	8209	Elective - General Surgery	Clinical	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	8210	Elective - Hematology	Clinical	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	8211	Elective - General Internal Medicine	Clinical	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.								

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

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OST	OST	OCOM	8212	Elective - Neonatology	Clinical	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	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8218	Elective - Ophthalmology	Clinical	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	8219	Elective - Osteopathic Manipulative Medicine	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8220	Elective - Orofacial Plastic Surgery	Clinical	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	8221	Elective - Orthopedic Surgery	Clinical	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	8222	Elective - Laboratory Medicine/Pathology	Clinical	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	8223	Elective - Pediatrics	Clinical	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	8224	Elective - Physical Medicine and Rehabilitation	Clinical	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	8225	Elective - Proctology	Clinical	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	Clinical	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.								

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

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OST	OST	OCOM	8227	Elective - Pulmonary Medicine	Clinical	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	8228	Elective - Radiology	Clinical	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	8229	Elective - Rheumatology	Clinical	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	8230	Elective - Thoracic Surgery	Clinical	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	8231	Elective - Urology	Clinical	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	8232	Elective - Vascular Surgery	Clinical	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	Clinical	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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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8234	Elective - Bronchoesophagology	Clinical	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	8238	Elective - Trauma	Clinical	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	8239	Elective - Critical Care Medicine	Clinical	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	8240	Elective - Gastroenterology	Clinical	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	8241	Elective - Podiatry	Clinical	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	8242	Elective - Oral Surgery	Clinical	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	Clinical	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8244	Elective - Infectious Disease	Clinical	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	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8249	Elective - Otolaryngology	Clinical	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	Clinical	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8251	Elective - Urgent Care	Clinical	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	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8256	Elective - EKG Reading	Clinical	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	Clinical	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8258	Elective - Palliative Care	Clinical	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	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8263	Elective- Hematology/Oncology	Clinical	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	8264	Elective-Gynecology Surgery	Clinical	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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OST	OST	OCOM	8265	Elective- Women's Health	Clinical	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	Clinical	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	Clinical	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	Clinical	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	Clinical	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	8270	Elective - Humanistic Medicine	Clinical	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	8271	Elective - Neurosurgery	Clinical	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8272	Elective - Occupational Medicine	Clinical	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	Clinical	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	8274	Elective - Conference	Seminar	2	4		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	8275	Elective - Bariatrics	Clinical	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	8276	Elective- Ultrasound	Clinical	2 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, 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.								
OST	OST	OCOM	8277	Elective - Health Policy Formation and Implementation	Tutorial	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	Clinical	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8279	Elective - Lesbian, Gay, Bisexual, Transgender, Queer/Questioning Medicine	Clinical	2 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8280	Elective in Osteopathic Medicine - Neurology	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8281	Elective in Pediatric/Adolescent Gynecology and Rural Obstetrics and Gynecology	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8282	Elective - Dermatology	Laboratory	1 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8283	Elective - Medical and Surgical Specialties	Clinical	2 to 16	32		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8300	Primary Care	Clinical	8	0		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8320	Osteopathic Medicine, Manipulation and Principles 4	Lecture	1	0		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	OCOM	8500	Elective Not for Credit	Clinical	0	99		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Seminar	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: 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. 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. 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.								
OST	OST	OCOM	8502	Current Issues in Health Policy: Case-Based Instruction	Seminar	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		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 Care 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 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. 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.								
OST	OST	OCOM	8503	Research Methods and Tools for Health Policy Development and Analysis	Seminar	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	Lecture	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8911	Elective - Global Health	Clinical	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Tutorial	4 to 12	12		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	8920	Health Care Management Clerkship	Practicum	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	Practicum	16 to 20	20		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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	8925	Health Policy and Systems	Seminar	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:								
		COURSE DESC:		Health Policy and Systems is a course to be completed in either the third or fourth year of students training. The course is comprised of structured components necessary to increase students awareness of the design and logic of the U.S. health care system; cost, quality, and access to health care services; the training of the American health care workforce; and how the U.S. compares to a selection of other health systems.								
OST	OST	OCOM	8930	Directed Studies in Osteopathic Medicine	Ind Study	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, 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.								
OST	OST	OCOM	8931	Elective in EKG Reading - Self Study	Ind Study	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student								
		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	Research	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:								
		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	OCOM	8941	Scholarly Work - Required Paper ELIGIBLE GRADES: COURSE DESC:	Research	2	0		N	M60		0
				GEC5: CR, PR, F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Research	4 to 6	6		N	M60		0
				GEC5: CR, PR, F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Research	2 to 6	6		N	M60		0
				GEC5: CR, PR, F REQUISITE: 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.								
OST	OST	OCOM	8944	Research Elective - Retrospective, Prospective, and Meta-Analysis Studies ELIGIBLE GRADES: COURSE DESC:	Research	6 to 24	24		N	M60		0
				GEC5: CR, PR, F REQUISITE: 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 ELIGIBLE GRADES: COURSE DESC:	Research	4 to 24	0		N	M60		0
				GEC5: CR, PR, F REQUISITE: 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.	Year 4 Osteopathic Medical Student							

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	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	Lecture	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 1010 concurrent								
		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	1020	Air Force Missions	Lecture	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 1020 concurrent								
		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	2010	History of Air Power	Lecture	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 2010 concurrent								
		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	2020	Air Power Today	Lecture	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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 2020 concurrent								
		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	2900	Special Topics in Aerospace Studies	Lecture	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	Co-op	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		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	Lecture	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.								
UNC	AST	AST	3010L	Leadership Laboratory	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: AST 3010 concurrent								
		COURSE DESC:		PR, F 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	Lecture	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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	AST	AST	3020L	Leadership Laboratory	Laboratory	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	Co-op	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Lecture	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	1010	Fundamental Military Leadership Concepts	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		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.								
UNC	MSC	MSC	1010L	Leadership Laboratory	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 1010 concurrent								
		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.								
UNC	MSC	MSC	1020	Fundamental Military Concepts and Basic Leadership	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		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.								
UNC	MSC	MSC	1020L	Leadership Laboratory	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 1020 concurrent								
		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.								
UNC	MSC	MSC	2010	Tactics and Leadership	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		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.								
UNC	MSC	MSC	2010L	Leadership Laboratory	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 2010 concurrent								
		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.								
UNC	MSC	MSC	2020	Advanced Military Leadership	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		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.								
UNC	MSC	MSC	2020L	Leadership Laboratory	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MSC 2020 concurrent								
		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.								
UNC	MSC	MSC	2900	Special Topics in Military Science	Lecture	1 to 15	999		N	U10		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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	2910	Leader's Training Course (LTC)	Internship	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	Lecture	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	Laboratory	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	Lecture	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	Laboratory	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	Internship	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	Lecture	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	Laboratory	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	MSC	4020	Military Leadership, Management, Ethics, and Law	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MSC 4010								
				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	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MSC 4020 concurrent								
				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	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				Specific course content will vary with offering.								
UNC	MSC	MSC	4930	Special Problems	Ind Study	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR								
				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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	SPST	SPST	4250	Senior Seminar	Seminar	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	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	CJ	2000	Introduction to Criminal Justice Studies	Lecture	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	LET	1000	Introduction to Law Enforcement Technology	Lecture	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.								
UNC	UNC	LET	1050	Ethics and Legal Issues	Lecture	3	0	2SS; BER	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.								
UNC	UNC	LET	1100	Police Role in Crime and Delinquency	Lecture	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.								
UNC	UNC	LET	1200	Constitution & Criminal Law	Lecture	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.								
UNC	UNC	LET	1350	Introduction to Corrections	Lecture	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.								
UNC	UNC	LET	1450	Introduction to Criminalistics and Forensic Science	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	LET	1450	Introduction to Criminalistics and Forensic Science	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	LET	1500	Police Operations	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	LET	1550	Management of a Correctional Crisis	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	LET	2000	Procedures, Rules, and Test of Evidence	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
UNC	UNC	LET	2050	Introduction to Legal Issues in Corrections	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	LET	2100	Introduction to Occupational Fraud Management	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	LET	2150	Cybernetics	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	LET	2200	Court Procedures and Processes	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	LET	2250	Correctional Management & Supervision	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	LET	2300	Police Community Relations	Lecture	3	0		N	U20		0
		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.								
UNC	UNC	LET	2350	Introduction to Probation and Parole	Lecture	3	0		N	U20		0
		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.								
UNC	UNC	LET	2400	Introduction to Computer Fraud	Lecture	3	0		N	U20		0
		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.								
UNC	UNC	LET	2450	Law Enforcement Administration and Supervision	Lecture	3	0		N	U20		0
		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.								
UNC	UNC	LET	2500	Vice and Narcotic Control	Lecture	3	0		N	U20		0
		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.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	LET	2600	Multicultural Policing: Cultural Perspectives in Criminal Justice	Lecture	3	0	2CP; FIE	N	U20		0
		ELIGIBLE GRADES:		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.								
UNC	UNC	LET	2650	Introduction to Criminal Investigation	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
UNC	UNC	LET	2750	Law Enforcement and the Deaf	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
UNC	UNC	LET	2800	Traffic Enforcement, Education, and Engineering	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
UNC	UNC	LET	2850	Contemporary Issues in Corrections	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		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.								
UNC	UNC	LET	2900	Special Topics in Law Enforcement Technology	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
UNC	UNC	LET	2901	Unarmed Self-Defense	Tutorial	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduction to the principles of unarmed self-defense from the perspective of a criminal justice practitioner.								
UNC	UNC	LET	2908	Terrorism and Homeland Security	Lecture	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.								
UNC	UNC	LET	2910	Internship in Criminal Justice	Internship	1 to 3	0	BLD	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.								
UNC	UNC	LET	3500	Criminalistics and Criminal Investigation for Forensic Chemists	Laboratory	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.								
UNC	UNC	LET	3500	Criminalistics and Criminal Investigation for Forensic Chemists	Lecture	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.								

**MASTER CURRICULUM FILE
COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	LET	3550	Criminal Justice Research Methods	Lecture	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.								
UNC	UNC	LET	3555	Quantitative Applications in Criminal Justice Research	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: not COMS 3520 or PSY 2110 or MATH 2500								
		COURSE DESC:		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.								
UNC	UNC	LET	3600	Chemistry and the Law	Lecture	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.								
UNC	UNC	LET	4510	Mass Murder in the United States of America: Implications for Criminal Justice	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		The purpose of this course is to explore serial murder to include the distinctions between definitions, causes and motivations of homicide categories that are gleaned from a detailed analysis of case studies. From analysis of these case studies, students infer and analyze the implications of mass murder for criminal justice practitioners throughout the United States of America.								
UNC	UNC	LET	4520	Contemporary Issues in Criminal Justice Personnel Management	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		The purpose of this course is to examine contemporary evidence based practices in criminal justice personnel management critical to the success and development of today's criminal justice practitioners. Through case studies and review of theoretical articles from the literature, students develop a foundational knowledge of personnel management principles, processes and strategies as they apply to the unique context of today's criminal justice organizations.								
UNC	UNC	LET	4550	Forensic Science Capstone	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LET 3500, CHEM 4840 and 4840L								
		COURSE DESC:		This summative capstone experience provides students with the opportunity to demonstrate competency in the management of evidence from the crime scene to the courtroom through the application of professional knowledge, technology, critical thinking and analysis skills gained over their course of study in the B.S. Forensic Chemistry Program.								
UNC	UNC	LET	4900	Special Topics in Law Enforcement Technology	Lecture	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	LET	5500	Criminalistics and Criminal Investigation for Forensic Chemists	Laboratory	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.								
UNC	UNC	LET	5500	Criminalistics and Criminal Investigation for Forensic Chemists	Lecture	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.								
UNC	UNC	LET	5600	Chemistry and the Law	Lecture	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.								
UNC	UNC	OAT	1010	Fundamentals of Information Technologies	Lecture	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
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	OAT	1210	Keyboarding I	Lecture	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.								
UNC	UNC	OAT	1220	Keyboarding II	Lecture	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.								
UNC	UNC	OAT	1420	Medical Terminology for Administrative Professionals	Lecture	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.								
UNC	UNC	OAT	1430	Legal Terminology	Lecture	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.								
UNC	UNC	OAT	1710	Administrative Procedures	Lecture	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.								
UNC	UNC	OAT	1720	Medical Procedures	Lecture	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.								
UNC	UNC	OAT	1730	Legal Procedures	Lecture	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.								
UNC	UNC	OAT	1890	Independent Study	Lecture	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
UNC	UNC	OAT	2000	Desktop Publishing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
UNC	UNC	OAT	2210	Dictation and Transcription	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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 .								
UNC	UNC	OAT	2250	Applications in Word Processing	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: OTEC 1210 recommended Introduction to software applications in word processing with emphasis on professional communications.								
UNC	UNC	OAT	2260	Applications in Spreadsheets	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduction to software applications in spreadsheets with emphasis on professional communications.								
UNC	UNC	OAT	2270	Applications in Presentations	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduction to software applications in presentations with emphasis on professional communications.								
UNC	UNC	OAT	2280	Applications in Databases	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduction to software applications in databases with emphasis on professional communications.								

**MASTER CURRICULUM FILE
COURSE LISTING
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UNC	UNC	OAT	2300	Business Communications	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	OAT	2310	Business Calculations	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			Math D004 or Math D005 or Tier 1 Math or Math placement 1 or higher				
		COURSE DESC:		Emphasizes practical mathematical calculations typical of a business situation. Concentration on problem-solving techniques necessary to perform calculations accurately and efficiently.								
UNC	UNC	OAT	2400	Medical Coding I	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to medical insurance coding for an administrative assistant in a medical office setting; emphasis on ICD 9, CPT coding and HIPAA.								
UNC	UNC	OAT	2401	Medical Coding II	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			OTEC 2400 or 121				
		COURSE DESC:		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.								
UNC	UNC	OAT	2403	Medical Applications	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	OAT	2404	Health and Safety in the Medical Office	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Essentials of working as an administrative assistant in a medical office with a special emphasis on clinical techniques.								
UNC	UNC	OAT	2580	Time Management	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	OAT	2630	Introduction to Paralegal Studies	Lecture	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.								
UNC	UNC	OAT	2670	Office Supervision	Lecture	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.								
UNC	UNC	OAT	2680	Information Systems Design	Lecture	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.								
UNC	UNC	OAT	2681	Introduction to Business Analysis	Lecture	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.								
UNC	UNC	OAT	2682	Technical Business Writing	Lecture	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.								
UNC	UNC	OAT	2683	Applications in Project Management	Lecture	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.								
UNC	UNC	OAT	2800	Seminar	Lecture	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.								

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UNC	UNC	OAT	2900	Special Topics	Lecture	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Various projects and topics concerning information technology and the administrative assistant will be determined and discussed.								
UNC	UNC	OAT	2910	Internship	Internship	1 to 4	999	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required 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.								
UNC	UNC	OAT	2920	Practicum	Practicum	1 to 5	0	BLD	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required 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.								
UNC	UNC	REAL	1010	Real Estate Principles and Practices	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	REAL	1030	Real Estate Law	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				REAL 1010 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.								
UNC	UNC	REAL	2010	Real Estate Appraising	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								
UNC	UNC	REAL	2040	Real Estate Finance	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				REAL 1010 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.								
UNC	UNC	REAL	2210	Real Estate--Special Topics	Lecture	3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				REAL 2040 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.								
UNC	UNC	REAL	2900	Special Topics in Real Estate	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Specific course content will vary with offering.								
UNC	UNC	SPST	4900	Special Topics in Specialized Studies	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Specific course content will vary with offering.								
UNC	UNC	SPST	4910	Internship	Internship	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				Permission required and BSS major PR, F Provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.								
UNC	UNC	SPST	4940H	Honors Thesis	Research	1 to 4	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				Permission required and BSS major PR, F Work on research or creative project for thesis. Intended for students who plan to graduate with B.S.S. departmental honors.								

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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	T3	4955	Police Legitimacy and Community Engagement	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010 and Sr						
		COURSE DESC:		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.								
UNC	UNC	TAS	3010	Introduction to Technical and Applied Studies	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	TAS	3110	Diversity, Ethics, and Collaboration	Seminar	3	0	CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers components of developing healthy relationships in the workplace. Students will examine approaches to develop an employee's and a leader's role as ethical workers, to develop relationships with others to focus on teamwork, and to develop an understanding of diversity's value and the advantage it brings to work and life. Research and best practices pertaining to the three course components to an overall productive workplace dynamic are examined.								
UNC	UNC	TAS	3210	Evidence-Based Leadership Decision-Making	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	One of the following statistics courses (ATCH 2090 or MATH 1060 or MATH 1500 or MATH 2500 or MATH 250 or PSY 1110 or 2110 or QBA 2010) and one BRICKS Foundation Advanced Writing course.						
		COURSE DESC:		Applying an evidenced-based methodology, students learn the importance of scientific literature, practitioner input, stakeholder considerations, and the use of organizational data for optimizing important workplace decisions. The value of this approach to leadership decision making and evaluating the outcome of that decision is discussed.								
UNC	UNC	TAS	4020	Creating a Work and Life Plan	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course encourages students to create a work and life plan that integrates previous work and education with their future personal and professional goals.								
UNC	UNC	TAS	4040	Social Responsibility and Ethical Reasoning.	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The globalization of society along with greater advances in technology has increased the complexity of ethical decision making. Every organization has the potential to impact society. The purpose of this course is to explore the dynamics of the interface of ethics and reasoned thinking and the responsibility that leaders and organizations have to the greater society.								
UNC	UNC	TAS	4110	Leadership and Workplace Effectiveness	Seminar	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.								
UNC	UNC	TAS	4140	Workplace Interactions in a Diverse Society	Seminar	3	0	BDP	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. Students will put their intercultural competence into practice.								
UNC	UNC	TAS	4240	Technology's Impact on the Workforce	Lecture	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. Methods for learning about the development of a given technology are cultivated.								
UNC	UNC	TAS	4340	Applied Leadership in the Workplace	Seminar	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.								
UNC	UNC	TAS	4440	Collaboration in the Workplace	Seminar	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.								
UNC	UNC	TAS	4510	Technical and Applied Studies Capstone Seminar	Seminar	3	0	3; BLD; CAP	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	TAS	4900	Special Topics in Technical and Applies Studies	Lecture	1 to 15	999		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
UNC	UNC	UC	D998	College Reading Skills	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr and Soph only and (ACT reading score below 21 or SAT verbal score below 495 or COMPASS reading score below 88)								
		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	Seminar	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: First Semester Student								
		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	1050	College Information Seeking Skills	Seminar	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	Laboratory	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	Seminar	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	Lecture	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:		CR 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	Lecture	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	Lecture	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	1500	Student Transition Seminar	Seminar	.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	Seminar	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.								

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COURSE LISTING
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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UC	2030	Credit for Work Experience: Portfolio Development	Seminar	3	0		I	U10	CORRESPOND	0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				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	Seminar	2	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				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	Seminar	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				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	Lecture	1 to 15	999		N	U10		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Specific course content will vary with offering.								
UNC	UNC	UC	3690	Bobcat Student Orientation Theory and Practice	Lecture	1 to 2	6		I	U10		0
				ELIGIBLE GRADES: GEC6: CR, 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	Lecture	3	9		N	U10		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Title and requisite in Course Offerings.								
UNC	UNC	UP	1901N	University Professor	Lecture	3	9		N	U10		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Title and requisites available in Course Offerings.								
UNC	UNC	UP	1901S	University Professor	Lecture	3	6		N	U10		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Title and requisites available in Course Offerings.								
UNC	UNC	UP	1901U	University Professor	Lecture	3	9		N	U10		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Title and requisites available in Course Offerings.								
UNC	UNC	UP	2900	Special Topics in University Professor	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Specific course content will vary with offering.								
UNC	UNC	UP	4900	Special Topics in University Professor	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Specific course content will vary with offering.								
UNC	UNC	UP	4901	University Professor	Lecture	3	9		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Title and requisite in Course Offerings.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	UP	4901N	University Professor	Lecture	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR								
		COURSE DESC:		Title and requisites available in Course Offerings.								
UNC	UNC	UP	4901S	University Professor	Lecture	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR								
		COURSE DESC:		Title and prerequisites available in Course Offerings.								
UNC	UNC	UP	4901U	University Professor	Lecture	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR								
		COURSE DESC:		Title and prerequisites available in Course Offerings.								